W.C.R.L.
- 3 APR 1956

The
# CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MARCH 31 1956

## CALMIC contributions to modern medicine

*In every sphere of ethical practice Calmic preparations are confidently prescribed. Constant research and rigid standards of production control are bringing about new methods of treatment and pharmaceutical preparations of proved clinical excellence.*

***CICATRIN** Amino acid antibiotic Powder for topical application containing 250 units of Bacitracin and 5 mg of Neomycin per gramme in addition to the tissue promoting amino acids 1-cystine, dl-threonine and glycine. Bacterial resistance to this antibiotic combination is extremely rare and there is no risk of toxic reaction occurring. Cicatrin Powder is indicated for the treatment of superficial wounds, burns, varicose ulcers, rectal surgery and pyogenic skin conditions. *Pack:* 15 gramme sprinkler.
**New preparation available to the Trade after April 9th 1956.*

**HYPON** Analgesic and antipyretic Tablets—containing Codeine, Phenacetin and Acetysalicylic Acid with addition of Caffeine and Phenolphthalein to overcome side effects of depression and constipation. *Packs:* 10, 50, 125, 250. Tax-free dispensing packs 600, 1,000.

**FERROMYN** Containing Ferrous Succinate, the new oral organic iron for the treatment of iron deficiency anaemias, specially recommended for the anaemias of pregnancy. In liquid or tablet form. *Dosage:* 1 teaspoonful/tablet t.d.s. or as prescribed. *Packs:* 4-oz., 20-oz., 40-oz., 80-oz., bottles. 100 tablets, 1,000 tablets.

**FERROMYN 'B'** Containing Ferrous Succinate, the new oral organic iron for the treatment of iron deficiency anaemias accompanied by Vitamin B deficiency. In liquid or tablet form. *Dosage:* 1 teaspoonful/tablet t.d.s. or as prescribed. *Packs:* 4-oz., 20-oz., 40-oz., 80-oz. bottles. 100 tablets, 1,000 tablets.

**DRAPOLENE CREAM** For napkin rash. A water miscible cream for the treatment and prevention of urinary dermatitis in infants and incontinent patients. *Packs:* 2-oz. tubes and 1-lb. dispensing jars.

**CIMLAC GAUZE** (Compound Aminacrine Tulle) A general wound dressing which promotes healing. It is bacteriostatic non-greasy and non-adherent. A useful dressing for the treatment of burns, wounds, boils, varicose ulcers and for skin grafting. *Packs:* Prescription (10 pieces) and Hospital (24 pieces) 3½" x 3½".

**CEREVON** A haematinic compound utilising the advantages of Ferrous Gluconate for the treatment of microcytic hypochromic anaemias, iron deficiency anaemias and the anaemias of pregnancy. Available in liquid or tablet form. *Packs:* Bottles of 4, 20, 40, 80 fluid ozs; 100 tablets; 1,000 tablets.

CALMIC LIMITED, CREWE. *Telephone Crewe 3251-5*
LONDON: *2 Mansfield St., W.1. Phone LANgham 8038-9*

**CALMIC LIMITED**

# 'Benzedrine' Inhaler

**The Original Inhaler and the most reliable**

Its high standard of accuracy will appeal to your customers no less than to you.

For convenient relief of nasal congestion with a volatile vaso-constrictor there is no substitute for 'Benzedrine' Inhaler.

Available to you at 13 for the price of 12, in handy display packs.

**Note the new retail price of 2/6, giving a profit margin of 33⅓%.**

**MENLEY & JAMES, LIMITED,** COLDHARBOUR LANE, LONDON, S.E.5

Tel: BRIxton 7851

for *Smith Kline & French International Co., owner of the trade mark 'Benzedrine'*

BIT104*

## ***ASTHMA*** *IN EDINBURGH*

When the great Cardan of Milan was called to the Edinburgh of Mary Queen of Scots to treat the Archbishop of St. Andrews for "the disease the Greeks called asthma", the last part of his journey north from London took 23 days.

Today's patient does not have to wait for treatment. An injection of Adrenaline, a dose of Ephedrine or, best of all, Isoprenaline by oral inhalation or sublingual administration brings immediate relief. Adrenaline, Ephedrine and Isoprenaline are three of the fine chemicals available from Burroughs Wellcome & Co. in large or small quantities and at strictly competitive prices.

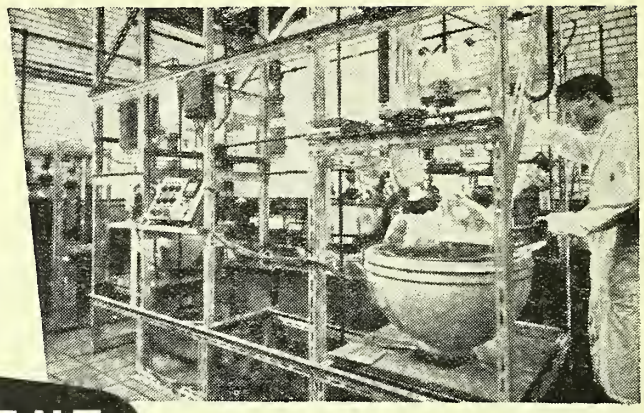
**Adrenaline Synthetic, B.P.; Adrenaline Acid Tartrate, B.P.; Ephedrine (Pure Alkaloid), B.P.; Ephedrine Hydrochloride, B.P.; Ephedrine Sulphate; Isoprenaline Sulphate, B.P.**

**B.W. & CO. FINE CHEMICALS**

**BURROUGHS WELLCOME & CO.** (THE WELLCOME FOUNDATION LTD.) **LONDON**

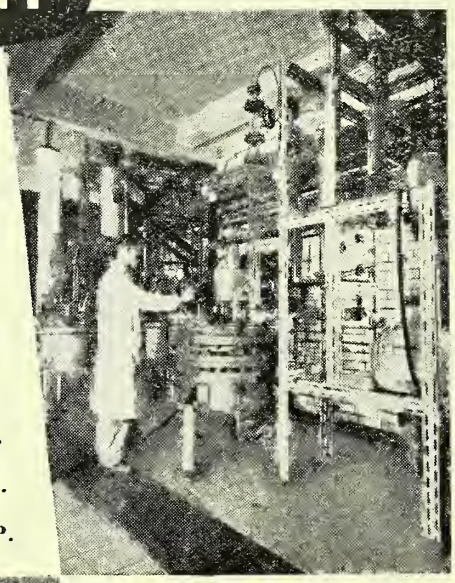
*Associated Houses:* NEW YORK · MONTREAL · SYDNEY · CAPE TOWN · BOMBAY · BUENOS AIRES · CAIRO · DUBLIN · AUCKLAND

# BARBITURATES



Large glass reaction vessel for investigating intermediate production

## DEVELOPMENT



As above with 25-gallon enamel cast iron vessels for larger scale trials

**Phenobarbitone B.P.** **Phenobarbitone Sodium B.P.**

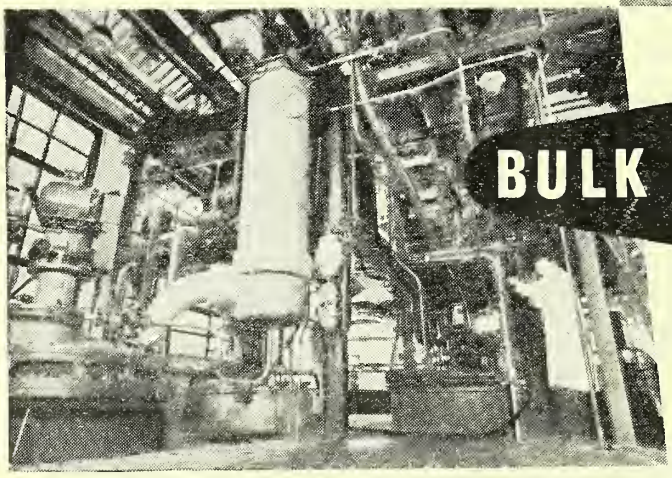
**Barbitone B.P.** **Barbitone Sodium B.P.**

**Butobarbitone B.P.C.** **Amylobarbitone B.P.C.**

**Amylobarbitone Sodium B.P.C.** **Cyclobarbitone B.P.C.**

**Cyclobarbitone Calcium** **Hexobarbitone B.P.**

**Methylphenobarbitone B.P.** **Quinalbarbitone Sodium B.P.**



## BULK PRODUCTION

Bulk production of esters for Barbiturates

Geigy

**GEIGY PHARMACEUTICAL COMPANY LTD**

Rhodes · Middleton · MANCHESTER

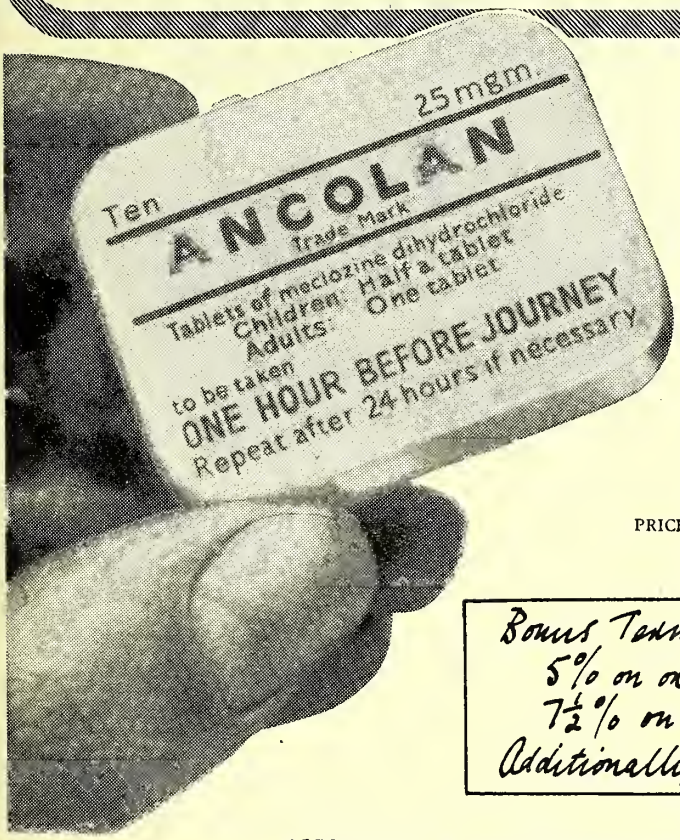
FC. 23

# 'ANCOLAN'

TRADE MARK

TABLETS OF MECLOZINE DIHYDROCHLORIDE

## foremost for travel sickness




## *A novel new pocket pack*

containing

10 Ancolan tablets is now available.

*Ancolan is notable for:*

Long duration of action—24 hours with a single dose.

Does not cause drowsiness.

Has no unpleasant side effects.

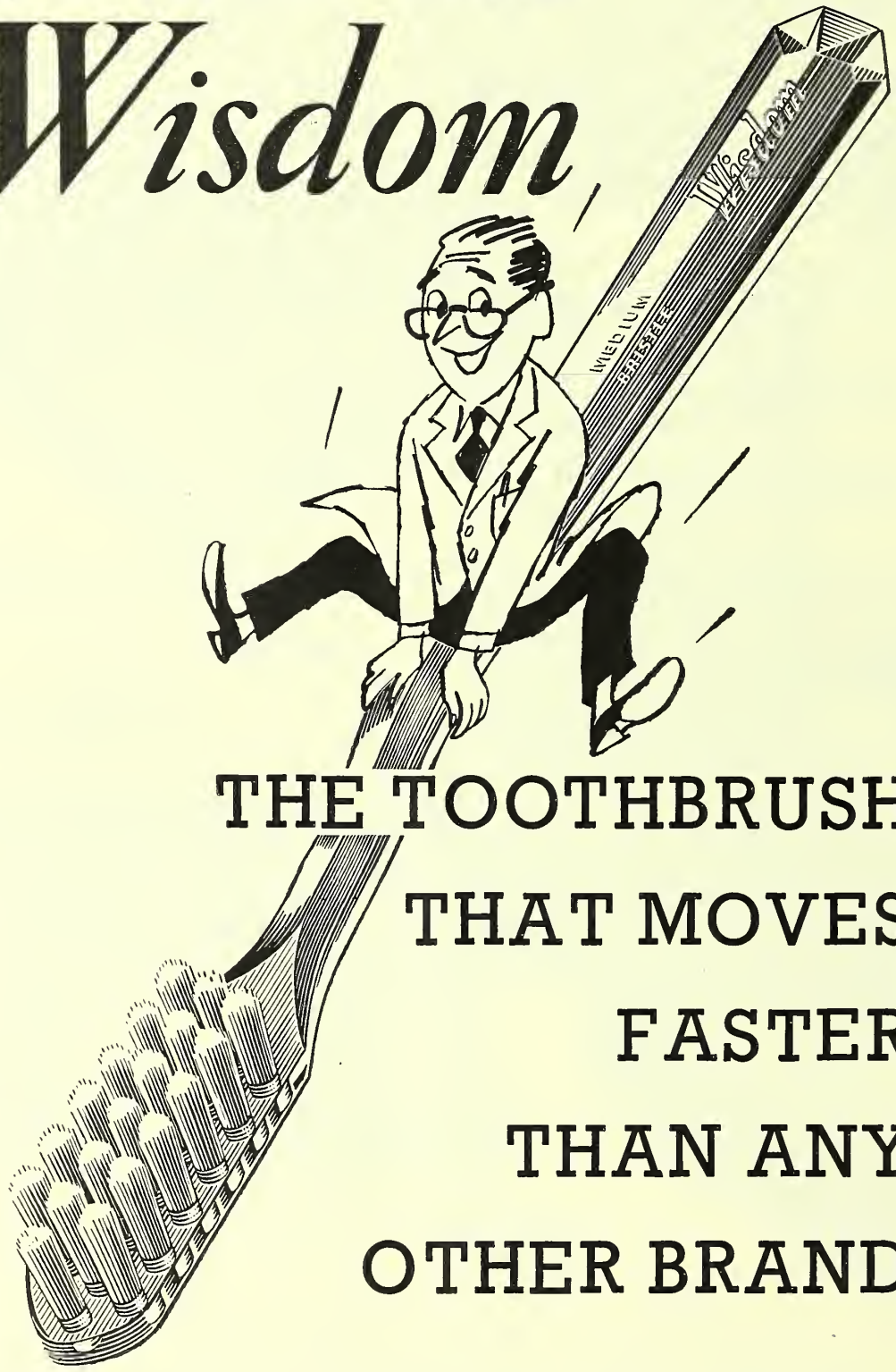
| PRICE | TRADE | RETAIL |
|---|---|---|
| | 1/8 | 2/6 |

Bonus Terms
5% on orders for 3 dozen containers
7½% on 6 dozen
Additionally 13 to the dozen during April.

ANCOLAN *is also available in bottles of* 25 *and* 250 *tablets.*

THE BRITISH DRUG HOUSES LIMITED, LONDON, N.1

# Be wise—sell *Wisdom*




THE TOOTHBRUSH
THAT MOVES
FASTER
THAN ANY
OTHER BRAND

**FOR EXTRA PROFITS**

**FROM A**

**PROFITABLE LINE . . .**

**William R. Warner & Co., Ltd., make you this**

# ANUSOL OINTMENT

# BONUS OFFER

***IT STARTS ON APRIL 1st***

| | £ | s. | d. |
|---|---|---|---|
| ***YOU SPEND*** | | | |
| 12 tubes charged as 10 @ 32/6d. per doz. | 1 | 7 | 1 |
| Less 5% (if included in a £5 parcel of Warner Products) | | 1 | 4 |
| | 1 | 5 | 9 |
| Purchase Tax on 12 tubes | | 9 | 9 |
| | 1 | 15 | 6 |
| ***YOU SELL*** | | | |
| 12 tubes at 4/5d. each | 2 | 13 | 0 |
| ***YOUR PROFIT*** | | 17 | 6 |

**GIVING YOU A PROFIT OF 49.30% ON OUTLAY**

- *12 tubes of Anusol Hæmorrhoidal Ointment invoiced at the price of ten.*
- *Orders for Warner products, including the Anusol Ointment bonus, to a minimum of £5 are subject to 5% discount.*

You can order as many "12 for 10" Anusol Ointment parcels as you wish. This Bonus Offer is only available on direct orders but we will invoice through your usual wholesaler if requested.

***BUT REMEMBER . . .***

***THE OFFER CLOSES APRIL 30th***

WILLIAM R. WARNER & CO., LTD., POWER ROAD, LONDON, W. 4.

ANNOUNCING

# Nūtinal

the new oral tranquillizing agent

NŪTINAL is of great value in the treatment of a variety of psychoneurotic states, especially those associated with anxiety, depression and obsessive-compulsive traits.

It is particularly useful in those anxiety states which are characterized by psychosomatic symptoms such as palpitation, sweating and facial flushing.

**NŪTINAL**

**Bottles of 100 tablets**

**each containing 1 mg. benactyzine hydrochloride**

*Basic N.H.S. price 3/4½ per bottle of 100 tablets.*

*Full details gladly sent on request*

**BOOTS PURE DRUG COMPANY LIMITED, STATION STREET, NOTTINGHAM, ENGLAND**

# "URICURE" TABLETS

*The most popular remedy for . . . .*

- SCIATICA
- LUMBAGO
- NEURITIS
- NEURALGIA

or even the common HEADACHE

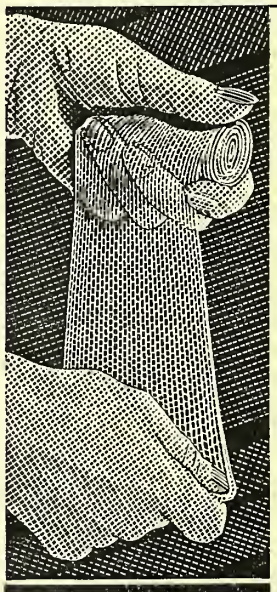
*Packed in two sizes retailing at 1/9 and 3/6*

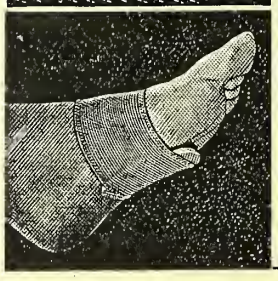
| SMALL SIZE | LARGE SIZE |
|---|---|
| 8/6 | 18/6 |
| PER DOZEN | PER DOZEN |

**THE ACTON PILL & TABLET CO. LTD**

**ASH VALE · SURREY**

*Telephone*: FARNBOROUGH (HANTS) 698





***When they ask for 'elastic net' they mean LASTONET***

**ELASTIC NET BANDAGE** *Supplie with ordinary National Heal prescription.* The fine Laston elastic net provides firm constant support without r stricting movement.

**METATARSAL PAD** Chamo covered foam rubber pad wit band of Lastonet. Exerts co rective influence to relieve arc strain and tired feet.

**ARCH BINDER** Affords relief i cases of strained arches.

**FINGER STALLS** Require no stra or binding. In five sizes.

**ADJUSTABLE BRACE ATTACHMEN** Elastic. For male wearers surgical stockings.

*Liberal discount to all stockis.*

Lastonet

**PRODUCTS LIMITE**

**CARN BREA, REDRUTH, CORNWAI**

Ⓟ6

*Announcing*

# GLEEM tooth paste

***—comes to London, the South and the Midlands with a proved formular for success***

**OUTSTANDING PRODUCT**

Contains GL-70 — an exclusive anti-bacterial compound of ANIONIC SULPHATES that removes most mouth bacteria with one brushing. Has a whiter, smoother paste. A new exciting taste. Brilliant new pack with exclusive cap.

**PROVED APPEAL**

Big sales in test markets. Outstanding preference over leading competitors declared by 40,000 men, women and children in nation wide "home tests".

**TREMENDOUS ADVERTISING SUPPORT**

Press. Posters. Cinemas. T.V. Millions of samples and money vouchers — the biggest advertising campaign in toothpaste history!

***THERE'S NEVER BEEN A TOOTHPASTE THAT SELLS LIKE***

***The toothpaste for people who can't brush after every meal***

A HEDLEY PRODUCT

# How to make a GOOD seller . . .

# a BETTER seller!

# Sanatogen

**RECOMMEND**

Sanatogen for any of these everyday complaints,* and you have a regular new consumer. Remember, once a customer has tried Sanatogen, repeat sales are guaranteed. 50 years' experience has proved it.

*

**"Nerves", run-down conditions, stress symptoms, anxiety states, worry, irritability, nervous indigestion, convalescence, whenever a tonic is required by young or old.**

**DISPLAY**

Sanatogen all year round. There's no off-season for "nerves", and no off-season for Sanatogen. Keep Sanatogen out where customers can see it, and you'll remind them to buy!

# This powerful NATIONAL ADVERTISING is RIGHT BEHIND YOU!

**NATIONAL NEWSPAPERS AND MAGAZINES**

—week in and week out *pre-selling* Sanatogen to your customers before they even set foot inside your door!

**T/V COMMERCIALS**

—every second Tuesday, at peak viewing time—telling viewers just why they need Sanatogen—and where to get it!

**RADIO LUXEMBOURG**

—hard-hitting commercials preceding the popular "John Dark" serial — every Tuesday at 9.30 p.m.

**a LITTLE effort–**

**a LOT more profit!**

*The name that guarantees accuracy*

- CLINICAL THERMOMETERS
- HOUSEHOLD THERMOMETERS
- INDUSTRIAL THERMOMETERS

**G·H·ZEAL LTD**

LOMBARD ROAD MORDEN ROAD · LONDON · S·W·19

*Telephone: LIBERTY 2283 - 4 - 5 - 6 and 4201*
*Cables Zealdom" London*

**SENNA**
ALEXANDRIAN AND TINNEVELLY

**RAUWOLFIA**
ALL VARIETIES

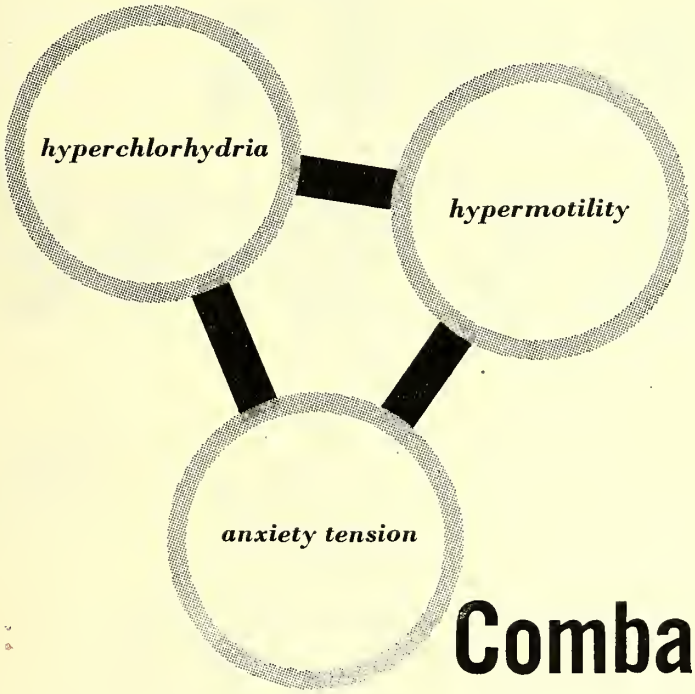
**JOHN RONALDSON**
AND COMPANY LIMITED
*Established 1860*

3/4 CROOKED LANE, CANNON STREET
LONDON, E.C.4

*Telephone*
*MANSION HOUSE 1321*

*Cables:*
*CLANRANALD LONDON*

HERBS · ROOTS · SEEDS · BARKS
GUMS · ESSENTIAL OILS · WAXES
SPICES · BALSAMS · RESINS




# Combat the peptic ulcer triad with *Collubarb* tablets

Each active constituent in COLLUBARB has a specific function in the treatment of dyspepsia, hyperacidity and peptic ulceration, and provides effective symptomatic relief.

| | |
|---|---|
| ***HYPERCHLORHYDRIA*** | Aluminium Hydroxide 5 gr. (320 mg.) |
| ***ANXIETY TENSION*** | Phenobarbitone ¼ gr. (16 mg.) |
| ***HYPERMOTILITY*** | Atropine Sulphate 1/500 gr. (0.13 mg.) |
| **Presentation** | Cartons of 24 and 100 (film wrapped)<br>Containers of 500 |

EVANS MEDICAL

**EVANS MEDICAL SUPPLIES LTD, LIVERPOOL & LONDON**

600

# NIVEA BONUS OFFER

**1 Direct orders for £7.10.0 (trade price value) of Nivea Creme**
You get 3 dozen 2/5 tins FREE,
representing an extra profit of £2.14.7½.
In addition, your order qualifies for 3¾% quantity discount.

**2 Every additional £2.10.0 worth of assorted Nivea lines**
You get 1 dozen 2/5 tins of Nivea Creme FREE,
representing an extra profit of 18/2½.
In addition, your order qualifies for 3¾% quantity discount.

**3 Direct orders for £15 (trade price value) of assorted Nivea lines**
You get 6 dozen 2/5 tins of Nivea Creme FREE,
representing an extra profit of £5.9.3.
In addition, your order qualifies for 7½% quantity discount.

## IMPORTANT NOTES

1 *A display dispenser given free with every bonus order as long as stocks last.*

2 *Purchase Tax is payable on the free bonus tins.*

3 *This offer is valid only in Gt. Britain and N. Ireland and for a limited period only.*

4 *Full details have been mailed to all chemists. If you have not received your copy, please let us know and we shall send you one by return.*

S&N products

SMITH & NEPHEW LTD WELWYN GARDEN CITY HERTS

NEW

NEW

*uxury presentation case.*
*months Comprehensive Guarantee.*
*etail £7.7.0. tax paid*

NEW

# ARVIN
# FERNBROOK
## ELECTRIC SHAVER

★ Advertised throughout the National Press

★ The most modern of *all* Electric Shavers

★ Actually shaves below skin-level

★ At a price unrivalled for popular appeal

★ The maximum profit for YOU—30% CLEAR DISCOUNT

***hone your wholesaler for details TODAY!***

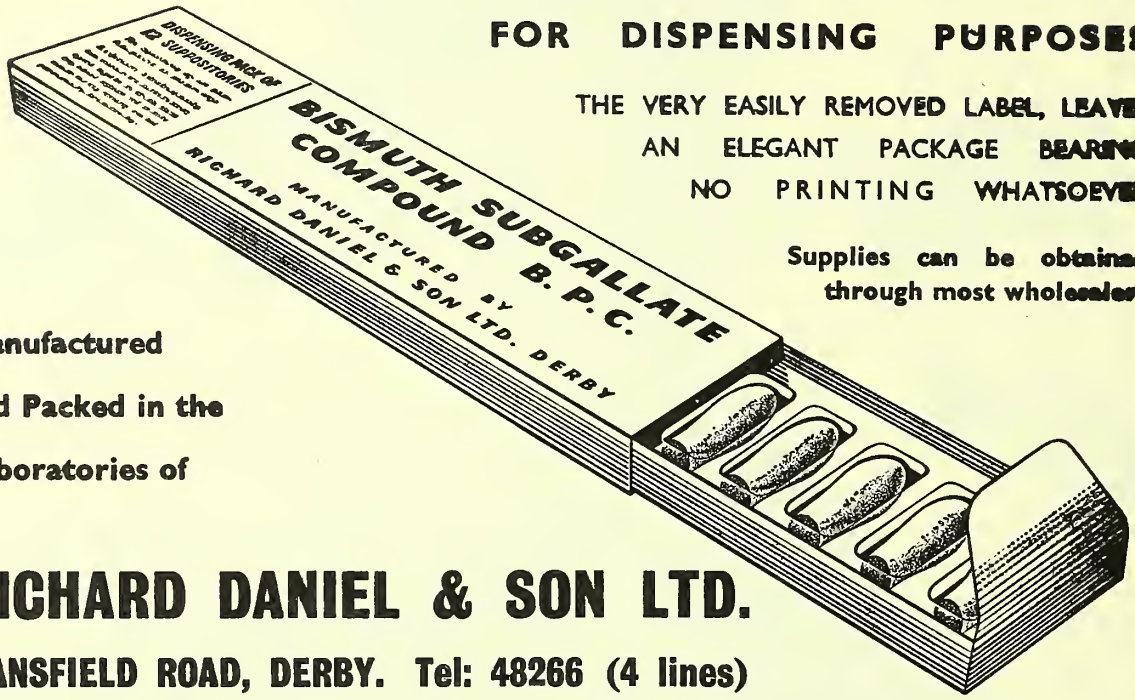
VIN ELECTRIC LIMITED, FERNBROOK AVENUE, SOUTHEND-ON-SEA, ESSEX

# SUPPOSITORIES

## FOR DISPENSING PURPOSES

THE VERY EASILY REMOVED LABEL, LEAVES AN ELEGANT PACKAGE BEARING NO PRINTING WHATSOEVER

Supplies can be obtained through most wholesalers




Manufactured and Packed in the Laboratories of

## RICHARD DANIEL & SON LTD.

**MANSFIELD ROAD, DERBY. Tel: 48266 (4 lines)**

**And at GROSVENOR STREET, ASHTON-U-LYNE. Tel: 2816 (3 lines)**

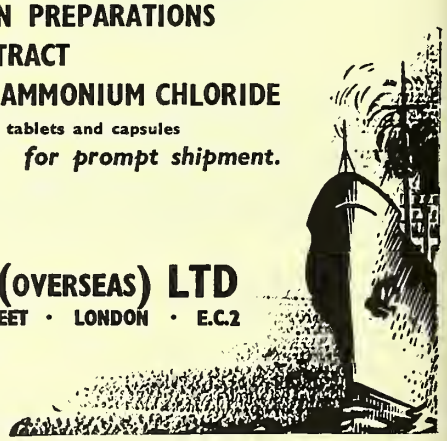
---

## *SUPPLIERS TO THE WORLD OF PHARMACEUTICALS and FINE CHEMICALS*

*We invite your special enquiries for*

SULPHA DRUGS VITAMINS
PENICILLIN PREPARATIONS
LIVER EXTRACT
MERCURY AMMONIUM CHLORIDE
and a range of tablets and capsules

*for prompt shipment.*



**M. W. HARDY & CO. (OVERSEAS) LTD**

PINNERS HALL · GT. WINCHESTER STREET · LONDON · E.C.2

*Telephone : London Wall 7131 (10 lines)*
*Cables : Hardichem, London*

# *A powerful new I.C.I. Liquid Antiseptic*

SAVLON LIQUID is unique in composition. It has two main constituents: '*Hibitane*', a new I.C.I. discovery, a powerful germ killer, active over a wide range of germs, and '*Cetavlon*', already well known as a bactericide and surgical detergent. Savlon Liquid is non-irritant to the skin, non-poisonous, and entirely safe for use in the household, in ambulance posts, factories, schools, etc.

Show material on request

## Savlon LIQUID ANTISEPTIC

**Retail price:** 2/9d. (including 5½d. Purchase Tax) per 6 fl. oz. bottle.

'Savlon' is the trade mark of Imperial Chemical (Pharmaceuticals) Limited, Wilmslow, Cheshire —a subsidiary company of IMPERIAL CHEMICAL INDUSTRIES LIMITED. Ph.626

Simpkins

QUALITY
GLUCOSE
SWEETS

In the new handy ½-lb. tins are extremely popular. They are the right size for every occasion. Their Dextrose Monohydrate (pure powdered Glucose) content greatly increases their value as a food nutrient and also energy-giving qualities. The assorted fruits varieties contain genuine fruit concentrate blended to give delicious flavours. A similar pack has just been added of Glucose Digestive Mints.

*Simpkins Confectionery is "Chemists' Quality" and supplied only to qualified Chemists.*

PER 2/3 TIN

A. L. SIMPKIN & CO. LTD., SHEFFIELD, 6



*Bulk suppliers of . . .*

**DISINFECTANTS & ANTISEPTICS**

- **CARBOLIC FLUIDS**
  **Black and White types with Co-efficients 2 to 24**
- **APPROVED FLUIDS**
  **(Under the Diseases of Animals Acts)**
- **PINE FLUIDS**
- **AROMATIC FLUIDS**
- **LYSOL B.P.**
- **LIQUOR— CHLOROXYLENOLIS B.P.**

***Packed in 1, 5, 10 and 40 gallon drums***

**THE PRINCE REGENT TAR CO. LTD.**

**BRETTENHAM HOUSE, LANCASTER PLACE, STRAND, LONDON, W.C.2**

**Telephone: TEMPLE BAR 5801 (8 lines)**

***Also at :—*** **PRINCE REGENT'S WHARF, SILVERTOWN, LONDON, E.16**

**Telephone: ALBERT DOCK 3311**



*A New Bengué-Bailly Product*

**GROMIDIN**

**TABLETS**

each containing 0.25 mg. Pure Gramicidin, an antibiotic of microbial origin. It is a cyclic polypeptide containing various amino-acids (Glycine-Alanine-Valine-Leucine-Tryptophane) and Ethanolamine.

**Indications: Treatment and prophylaxis of rhino-pharyngeal, laryngeal, buccal and dental affections. Also in treatment of bronchitis.**

POSOLOGY

*5 to 10 tablets daily, to be dissolved slowly in the mouth*

PACKING: TIN OF 25 TABLETS

**Your price 31/6 per dozen**

**Retailing at 3/6 per tin**

**BENGUE & CO. LTD.**

MANUFACTURING CHEMISTS

MOUNT PLEASANT, ALPERTON, WEMBLEY.

MIDDLESEX



**"ZORBO"** (REG'D)

**Superfine Cotton Wool**

This is a very old Trade Mark of ours and a product for many years in use by the Medical Profession and all those requiring a First Class Superfine Cotton Wool. Now packed in attractive white Cartons in various sizes and would be readily acceptable to your more exacting customers.

•

***Of course this is just one of our Manufactures. We also supply in Cartons all BPC Dressings in Cotton Wool, Lint and Gauze.***

•

Our products are obtainable from Wholesalers, but should you have difficulty a line to us will have prompt attention.

**ROBERT BAILEY & SON, LTD.**

SURGICAL DRESSINGS MANUFACTURERS

DYSART STREET, GREAT MOOR, STOCKPORT

Phone: STEPPING HILL 3006/7 Gram: "UNDISPUTED" STOCKPORT

# 'TABLAX'

## the laxative with a good new name

'Tabloid' brand Laxative Vegetable has been given a new name. It is now supplied as 'TABLAX'. The formula and high quality of the product are unchanged ; it remains the aristocrat of laxatives. 'Tablax' "25's" come in the new-style bottle shown—individually cartoned and packed in smart display-outers of one dozen cartons each. A similar style of bottle will shortly be adopted for the larger sizes of 'Tablax' also. The 'Tablax' bonus terms give 13 to the dozen on three dozen assorted "25's" and "100's", or 14 to the dozen on six dozen. Retail prices of 'Tablax' are : bottle of 25, 1/4 plus 4d. purchase tax ; bottle of 100, 3/9 plus 10½d. tax ; bottle of 500, 16/6 plus 3/8½d. tax.

# 'TABLAX' BRAND LAXATIVE VEGETABLE

BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) LONDON

# 3 world-famous Inecto money spinners

★ **COLOUR CREME**

New and exciting! Rich creme in a tube that conditions as it tints. Easy and pleasant to apply. 3/4 + P.T. Retail 8/-

★ **INECTO RAPID**

Has a 40 year reputation as the world's supreme recolourative. Known and asked for by name. Sells and sells and sells. 2/6 + P.T. Retail 6/-

*Both restore colour permanently to grey and white hair. Complete, in the same 18 natural shades, with Picture Directions.*

**Ask for free Shade Indicator.*

★ **FOUR-IN-ONE**

As though by magic, lightens, brightens, colours and conditions. May be poured on the hair like a shampoo. 2/6 + P.T. Retail 6/-

*For hair that is drab or faded or with just that touch of greyness. In 11 lovely shades.*

FROM YOUR USUAL WHOLESALER

*Advertised on a grand scale*

**Enquiry Bureau : INECTO HOUSE, 27 DOVER STREET, LONDON, W.1**
HYDE PARK 7541 (12 LINES)



FOR THE PATIENT WHO NEEDS A GOOD NIGHT'S SLEEP

# Doriden

*α-phenyl-α-ethyl glutarimide*

**SAFE NON-BARBITURATE HYPNOTIC**

**FREE FROM "HANGOVER"**

*Available in tablets of 0.25 g. Bottles of 25 (3/9d.), 100 (12/6d.) and 500 (59s.). Subject to the usual discounts. Exempt Purchase Tax.*

C I B A

*'Doriden' is a registered trade mark. Reg. user* CIBA LABORATORIES LTD, HORSHAM, SUSSEX *Tel: Horsham 4321 Grams: Cibalabs, Horsham*

2/5


WELLCOME INSTITUTE LIBRARY
Coll. WelMOmec
Coll.
No.

The CHEMIST AND DRUGGIST

Volume 165 MARCH 31, 1956 No. 3971

# Pharmaceutical Services Costs

## INCREASE BUDGETED FOR IN 1956–57

HE Civil Estimates for the year ending March 31, 1957, published cently, show that the pharmaceutical services under the National ealth Service in England, Wales and Scotland are expected to cost ore in 1956–57 than the 1955–56 estimate. The costs in ENGLAND are pected to increase by £1,432,000; in WALES by £95,000 and in OTLAND by £20,000. The figures for the three countries are summarised the table below: —

ANALYSIS OF PHARMACEUTICAL SERVICES COSTS

| ITEM | ENGLAND | | WALES | | SCOTLAND | |
|---|---|---|---|---|---|---|
| | Estimate 1956–57 £'000s | Difference from 1955–56 £'000s | Estimate 1956–57 £'000s | Difference from 1955–56 £'000s | Estimate 1956–57 £'000s | Difference from 1955–56 £'000s |
| Pharmacists | | | | | | |
| (i) Dispensing fees and rota payments ... | 11,240 | 23 more | 841 | 3 less | 1,528·5 | 33·5 less |
| (ii) Cost of ingredients and containers allowance ... | 29,103 | 1,159 more | 2,305 | 73 more | 3,563·5 | 59·5 more |
| (iii) Allowance for overheads and profit | 7,003 | 291 more | 555 | 18 more | 846·125 | 13·625 more |
| Medical and dental practitioners ... | 1,674 | 2 more | 124 | 4 more | 120 | same |
| Health Centre services | — | — | — | — | 6 | 1·5 more |
| yments by patients ... | 6,409 | 43 more | 464 | 3 less | 764·125 | 21·125 more |
| tal ... ... ... | 42,611 | 1,432 more | 3,361 | 95 more | 5,300 | 20 more |

The general medical services will st £52,291,000 in England (an in- ease of £751,000); £3,512,000 in ales (an increase of £10,000); and ,050,000 in Scotland (an increase of 30,000). The estimate for the ational Health Service as a whole in igland and Wales shows an increase £21 millions to £446,836,175, and for otland an increase of £2 millions to 5,878,955.

## Science Scholarships

### I.C.I. PLAN FOR ARTS STUDENTS

NNUALLY for the next few years ty scholarships of a new type are ing provided by Imperial Chemical dustries, Ltd. To be known as I.C.I. nsfer scholarships, their purpose is enable students who have not speci- sed in science at school to take up eir first serious study of science tually at the university. After a one- ar course there they will have the ounding from which they can go on take normal Honours science urses. Available for the first time ring 1956–57, they will be tenable at mbridge University; Imperial Col- ge, London University; King's Col- ge, Durham University (Newcastle-on- ne); Liverpool University; or Oxford niversity. Their value will be based State Scholarship rates. There will continuing small awards to scholars o successfully pass on to take Hon- rs science courses. Hitherto, students o have taken arts courses at school t who, on going forward to the university, may have wished to specialise in science subjects, have not been able to do so, being unable to enter Honours Schools of science and technology in English universities.

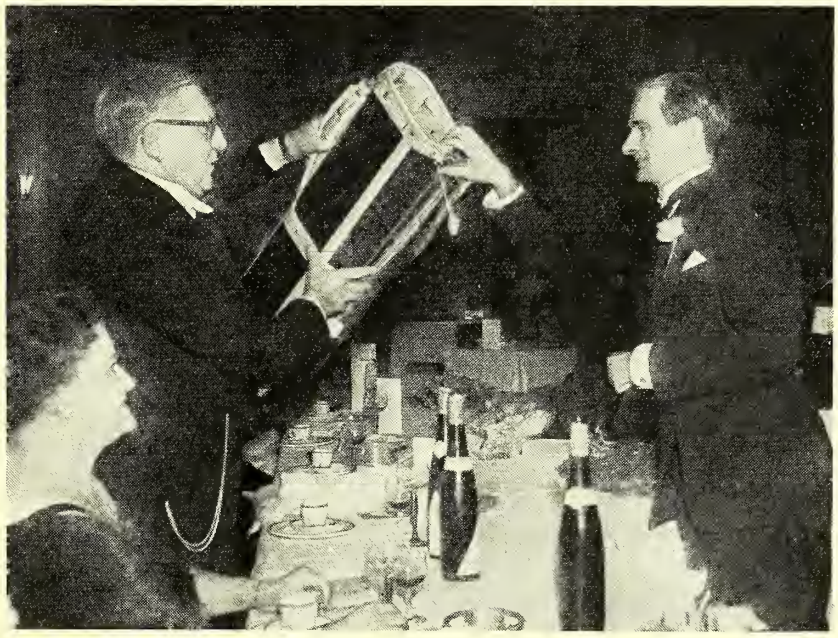
**HALFWAY BACK TO NORMAL**

**MEMBERS of the London Typographical Society returned to work on March 27, in time to enable some, but not all, parts of this paper to revert to normal. The indulgence of subscribers and advertisers is again asked for shortcomings outside the control of the publishers.**

## Lecturers from France

### TOUR OF BRITAIN IN MAY

THE Franco-British Pharmaceutical Commission has arranged a lecture tour of Britain in May by two French pharmacists, Dr. Maurice Piette, a professor of the Faculty of Pharmacy, University of Paris, and Mr. Charles Ahr, a retail pharmacist of Reims. Professor Piette is speaking on hæmatology, including the use of blood as a medicine and the laboratory examination of blood; Mr. Ahr's subject is the system of payments for medicines under the French social security scheme. The lecturers are speaking at schools of pharmacy and Branches of the Pharmaceutical Society in Nottingham, Bradford, Leeds, Liverpool and Manchester. They are being accompanied by Mr. H. B. Mackie (formerly



**PRESENTATION TO GOLFERS' SECRETARY: Mr. A. S. Jerwood (secretary, London Chemists' Golfing Society and secretary, Thomas Morson & Son, Ltd.) (right) receives the president's prize and putter from the hands of the president (Mr. C. H. Maile) at the Society's annual dinner and dance. Report on p. 214.**

head of Brighton School of Pharmacy), who is acting as their guide throughout the tour. They are expected to be in England from May 2 to 9.

## Purchase Tax

CONSOLIDATING ORDER ISSUED

THE Purchase Tax (Consolidation) Order, 1956 (S.I. 1956, No. 383) consolidates the list of goods chargeable with purchase tax and the special provisions relating to drugs and medicines enacted in the Eighth Schedule to the Finance Act, 1948, as subsequently amended. The Order presents the purchase tax schedule in up-to-date form and comes into operation on April 1. It makes some alterations in the arrangement and numbering of the existing groups but it makes no alterations in the rates of tax chargeable on any goods. The tax schedule as consolidated by the Order is embodied in a revised edition of Customs and Excise Notice No. 78, a copy of which is being sent to each registered trader. The Treasury have also made an Order (S.I. 1956, No. 384) formally revoking and repealing the forty-five Orders and the Finance Act provisions which are superseded by the Consolidation Order.

## London B.I.F to End

ANNOUNCEMENT IN PARLIAMENT

THE London section of the British Industries Fair that is being held at Olympia in April will be the last to be held in London. That was announced by Mr. Peter Thorneycroft (President of the Board of Trade) in Parliament on March 27. The Birmingham Chamber of Commerce intends to continue the Fair at Castle Bromwich. Mr. Thorneycroft said that it had become clear that the London section of the fair no longer met a general need, since most traders preferred to take part in specialised shows in which attention could be focused on the products of a particular industry. The Government intended that the money hitherto spent on publicity for the Fair would in future be used by the Board of Trade mainly in connection with overseas fairs and exhibitions at which British goods were shown.

## Statutory Committee

COMPANY SUPERINTENDENT TO APPEAR

THE Statutory Committee of the Pharmaceutical Society is meeting at 17 Bloomsbury Square, London, W.C.1, at 2.30 p.m. on April 11 to consider information and evidence from which it appears that a company carrying on business as an authorised seller of poisons, and a member of the Society who is the registered superintendent of the company, have been convicted of offences under the Pharmacy and Poisons Act 1933.

## Dangerous Drugs

AUTHORITY WITHDRAWN

THE Home Secretary has withdrawn from Florence Berchmans Lawlor, M.B., Ch.B., Ballygarry, Tralee, co. Kerry, from March 23, authority to possess, supply or give prescriptions for Dangerous Drugs.

# TOPICAL REFLECTIONS

By Xrayser

### *Private Practice*

In 1948, for a variety of reasons, a small number of general medica practitioners decided to remain outside of the National Health Servic preferring to continue private practice. They seem to have been able t retain a sufficient number of patients to warrant their remaining aloc and, so far as consultation fees are concerned, their patients have pre sumably preferred it that way. But there have been great changes i treatment since 1948, and some of the newer drugs have been found t be very expensive. No doubt that fact has a bearing on the demand b what is described (p. 201) as an overwhelming number of doctors engage predominantly in private practice (434 out of 573) for the right to pre scribe for those patients under the N.H.S. pharmaceutical services, so tha in effect the doctor would still charge a fee for each consultation, bu would spare his patient the cost of his medicine. The practitioner seem to fear that the patient may eventually decide that the N.H.S. offer undeniable attractions, and that the advantages of private consultatio are largely illusory.

### *Chronic Point of Stress*

Duplication and near-duplication among brands of proprietary med cines prescribed in the U.S.A. is, according to Dr. Glenn Sonnedecke a chronic point of stress between dispensing pharmacy and manufacturin pharmacy in that country. The speaker was commenting on the heav prescribing in America of trade-named specialities (p. 199) and the stat ment makes it clear that we are not alone in our difficulties in this regar One of the disadvantages of that freedom and competition in whic both countries take a pride, is that no sooner has a preparation bee successfully launched by one firm than half-a-dozen persuasive diploma are waiting deferentially in the wings to woo the prescriber away from th particular brand to another which differs only in name. The succe of their eloquence is to be found in every pharmacy in the countr What is to become of it all? The Pharmaceutical Society may yet ha cause to regret its impulsiveness in soliciting old proprietary medicines f a museum collection. The rapid onset of obsolescence today may resu in such a deluge of material in the years to come that it will be necessa to take over the Albert Hall to house the rejected, the despised and t forgotten.

### *Practical Outlook*

At a time when the Pharmaceutical Society of Great Britain is ove hauling its educational policy for the future, pharmacists in this count will find added interest in the proposals outlined for the pharmacy stude in Northern Ireland. The suggested course of training involves registratic at entrance before taking the course of the Part I examination. A bre in the academic course is to be made after Part I so as to allow a tw year full-time apprenticeship after which the student returns to a tw year full-time course at college for Part II. The proposals are soun and are certain to produce both a trained and experienced pharmacist c the completion of the course. There must be many practising pharmacis in this country who would welcome a similar scheme for Great Britai but utterances from some of those responsible for our future education policy suggest that there is little likelihood of its adoption here. T complaint made on occasion that the majority of our training studen opt to do their practical training with the multiples would be less fr quently heard if apprenticeship, on the lines proposed in Northern Irelan were to be restored here—not as an optional, but as a compulsory pr vision. The reluctance of the single-unit pharmacist to employ for year a post-examination trainee, for whom he has no permanent place, understandable. The eagerness of the multiple, whose expansion depen on recruits, to acquire those students, is equally understandable. It seer a little unreasonable for the educationists to complain about a situati to which they have themselves contributed.

## COMPANY NEWS

SILICONE PROCESSES LTD., has en formed to co-ordinate on a world-de basis the licensing of patents held three concerns. Equal shares are ld by the Bradford Dyer's Associa-n Ltd., Monsanto Chemicals Ltd., d Union Chimique Belge.

DUBARRY PERFUMERY LTD.—nal dividend 5 per cent (same) aking 7½ per cent for 1955 (same). nsolidated net profit is £15,386 3,252), after tax of £11,807 (£12,500) d including profit on sale of plant d machinery £367 (£3,378).

TIMOTHY WHITES & TAYLORS TD.—Preliminary group results for 55 include trading profit at £1,520,237 ,413,681), with taxation at £681,611 05,435). An unchanged final divi-nd of 21 per cent, making 30 per nt for the year (same), is recom-ended. Results of companies within e group for the same period, all bject to audit are:—

TAYLORS DRUG CO. LTD.—Profit, 33,145 (year to January 1, 1955, 77,854), less U.K. tax £110,892 01,026), leaving £122,253 (£126,828).

TAYLORS (CASH CHEMISTS) IDLAND LTD.—Profit £155,564 ear to January 1, 1955, £135,789) less K. tax £72.972 (£64,511), leaving 2,592 (£71,278).

TAYLORS (CASH CHEMISTS) RUST LTD.—Group profit, £422,398 ear to January 1, 1955, £389,026), ss U.K. tax £198,722 (£177,361), aving £223,676 (£211,665).

TAYLORS (CASH CHEMISTS) ONDON LTD.—Profit, £155,277 (year January 1, 1955, £143,022), less K. tax £74,557 (£63,811), leaving 0,720 (£79,211).

A SALES company is being formed handle the products of Arthur erton Ltd. and Lilia Ltd. (the latter subsidiary of Smith & Nephew ssociated Companies Ltd.). Further tails are promised on formation of e new company.

COW & GATE LTD.—Ordinary vidend for year ended September 30, 55, 17½ per cent (15 per cent). roup profits, £1,084,337 (£953,618); t profit applicable to company, after x of £543,563 (£557,560), £529,108 384,163).

## BUSINESS CHANGES

CHAMPION (SCISSORS) LTD., nounce a change in the company's ame to Champion (Mexborough) Ltd., fective from April 1.

POTTER & MOORE LTD., Seymour oad, London, E.10, have appointed Ir. W. Goring, 20 Leyborne Avenue, ondon, W.13, their representative for e Home Counties.

MR. ALPHONSUS J. DOLAN, I.P.S.I., has disposed of his pharmacy Enfield, co. Meath, Eire, to Mr. J. Salmon, M.P.S.I., and has discon-nued the pharmacy department in his ore at Daingean, Offaly.

HE name of Nicholas Products aboratories Ltd., is being changed to . & G. Nicholas Ltd., on April 3. hereafter the new company will arket the products previously handled the ethical pharmaceutical division Nicholas Products Laboratories Ltd.

## TRADE NOTES

A NEW high-potency B-complex preparation, Orovite elixir, has been introduced by Vitamins Ltd., Upper Mall, London, W.6, in bottles of 6 and 40 fl. oz.

**Counter display for Mum Rollette designed by G. S. Royds Ltd., London, W.1. Moving ball point feature was designed by manufacturers: Bristol-Myers Co., Ltd., Blackfriars Road, London, S.E.1.**

BISLUMINA brand bismuth aluminate cream is now available to all pharmacists from C. J. Hewlett & Son, Ltd., King George's Avenue, Watford. The pack is a 12-fl. oz. jar.

WIDE-SCREEN film programmes can now be presented on all G.B.-Bell & Howell 16-mm. projectors, the manufacturers of which are G. B. Equipments Ltd., 37 Mortimer Street, London, W.1.

MANUFACTURE of mephenesin, B.P.C., has recently been taken up by the Crookes Laboratories Ltd., vitamin oils department, 5 Park Royal Road, Acton, London, W.3.

PACATAL, a new product introduced by William R. Warner & Co., Ltd., Power Road, London, W.4, is a tranquillising agent claimed to have marked pharmacological advantages without troublesome side-effects. It is available in bottles of fifty and 500 25-mgm. tablets.

AN invalid tonic wine newly introduced by W. & A. Gilbey Ltd., Gilbey House, Oval Road, London, N.W.1, contains 0.36 mgm. of riboflavin and 3.75 mgm. of niacin per fl. oz. Each vat of the wine is certified by a public analyst as containing the specified quantities of those vitamins.

A CHILDREN'S cough syrup containing blackcurrant syrup and syrup of wild cherry bark has been introduced by Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, 1; it is issued in a colourfully cartoned bottle. Another new product of the company, Ayrton's influenza mixture, has a sleeved pack that enables its clear emerald green colour to be seen on display.

TWO new products are announced by Merck-Sharp & Dohme Ltd., Hoddesdon, Herts. Hydroderm topical ointment contains hydrocortisone, neomycin and bacitracin in an emollient base for the treatment of contact dermatitis, atopic dermatitis and non-specific anogenital pruritus, etc. The packs are tubes containing 5 and 15 gm. Tetrazets throat lozenges contain bacitracin, tyrothricin, neomycin and benzocaine. The pack is a vial of twelve lozenges. Both products are available on prescription only.

A NEW Cutex lipstick in "golden" metal case, is being launched by J. C. Gambles & Co., Ltd., 211 Blackfriars Road, London, S.E.1. The lipstick is full-size, "creamy in texture, easy to apply, and does not dry the lips." It is available in deep red, "look" pink, soft coral, pink sceptre, natural, pink TNT, "red hot 'n blue", and "slightly scarlet" shades. Distribution throughout the country is being completed by May 1.

THE plastics division of Imperial Chemical Industries Ltd., London, S.W.1, has reduced the price of P.V.C. polymer by one penny per lb. to 1s. 8d. per lb., and the basic price of most grades of compounded P.V.C. sold under the name Welvic by twopence per lb. Fluon polymer (polytetrafluoroethylene) has been reduced to £2 per lb. from a development price of £5 per lb. Fluon can be extruded to give a flexible tubing capable of handling all the liquid products of the chemical industry up to very high temperatures.

KLEENEX medical wipes (specialised disposable tissues for medical use) have been launched by Kimberley-Clark Ltd., Highgate Road, London, N.W.5, manufacturers of Kleenex tissues. Suggested uses are as sputum wipes for tuberculosis patients, in eye irrigation, for the wiping of thermometers and instruments, for skin cleansing prior to innoculation, etc. The pack is a box containing 76 two-ply tissues each 5 x 8¾ in. in size. Twelve doz. boxes go to a case. Distribution is through Alexander Carus & Sons, Ltd., Darwen, Lancs.

DESCRIBED as the "perfect sterile lubricant for gynaecological and surgical use", K.Y. jelly has been produced by Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks. K.Y. jelly is a blend of vegetable substances plus a small percentage of boric acid. The product is non-greasy, does not become rancid or odorous, and is without chemical action on surgical gloves, tubing and instruments, as well as being non-staining to hands and clothing. It adheres well to rubber, metal or plastic surfaces, but is easily washed away after use. The jelly is issued in cartons of 1 doz. large or standard-size tubes.

### Bonus Offers

F. C. CALVERT & Co., Ltd., Hyde Road, Manchester, 12. Calvex Ointment. Twelve tins for price of ten if included in order to total value of £2 10s.

D. & W. GIBBS Ltd., Hesketh House, Portman Square, London, W.1. Pears transparent soap. Twelve twin packs at 1s. 5d. for the two tablets.

WILLIAM R. WARNER & Co. Ltd., Power Road, London, W.4. Anusol ointment. Twelve tubes charged as ten, with additional five per cent discount on direct orders for Warner products of £5 or over. Goods may be invoiced through a nominated wholesaler if requested. During April.

# PHARMACEUTICAL SOCIETY OF IRELAND

## Monthly Meetings of Council

**Publication of the following reports of Council meetings held on February 14 and March 13 has been delayed by the printing dispute in London. They are given in summarised form for the same reason.**

MR. P. F. McGRATH presided on February 14 over Messrs. M. Power (vice-president), H. P. Corrigan (treasurer), T. B. O'Sullivan, N. A. McKane, E. McSweeney, F. J. Robinson, J. P. Kissane, D. J. Kennelly, M. Costello, T. C. Scott, F. Loughman, and J. Gleeson. Others sent apologies. Mr. James G. Coleman (registrar) attended.

Sir A. Chester Beatty wrote thanking Council for help in erection of new exhibition building adjoining Society's grounds.

Name changes in register upon marriage were made for Mesdames Brigid Veronica Tierney (née McSweeney) (assistant); Mary Walshe (née O'Toole) (L.P.S.I.); and Margaret Ward (née Gibbons) (L.P.S.I.). Dr. V. R. O'Shee (L.A.H. certificate) was granted registration as a pharmaceutical chemist. Changes of address were notified for Messrs. William Creaven to St. Bricin's Hospital, Dublin; George Doherty to 16 Broad Street, Waterford; Patrick A. Gorry to Baltinglass, co. Wicklow; Edward Meaney to High Street, Bagenalstown, co. Carlow; Patrick J. Murray to 19 Maypark, Dublin; Seamus O'Murchadha to 119 Lower Gardiner Street, Dublin; Mrs. Mary McCarthy to 46 Anglesea Road, Dublin; and Mrs. Mona O'Riordan to 113 O'Devaney Gardens, Dublin.

On Schools Committee's report, which was adopted, PRESIDENT said success of recently started post-graduate lectures (150 entries) had exceeded expectations. He suggested provincial councillors might have similar courses, perhaps including veterinary lectures. Council was ready to find lecturers, and help with syllabus and finance. MR. POWER said that, down South, men were prepared to travel 20-25 miles to attend. Chemical firms' lecturers to Young Farmers' Clubs should be available for chemists. MR. KENNELLY (on post-graduate lectures committee) said success was due to businesslike arrangement of course. Veterinary lectures should be preceded by discussions with manufacturers, and a suggested syllabus sent out. PRESIDENT said he would see some of the firms mentioned.

The Rev. Michael T. Casey (science master, Newbridge College) wrote suggesting that general science (physics, chemistry, botany and zoology, with elements of human anatomy and physiology) should be accepted as alternative to physics and chemistry for Preliminary examination. PRESIDENT said Council should consider the matter. The suggested course had been completely modernised and might suit students better than the one they had. Council passed letter to education sub-committee for report at next Council meeting. Examiners to recent Licence examinations reported that ten out of 25 candidates had passed Part I. Twelve out of 34 had passed Part II. Ten out of 11 passed the Assistants' examination.

Mr. Eoin D. Leavy, 94 Clanbrassil Street, Dundalk, notified a decision of Dundalk chemists to form a Chemists' Association and their unanimous appreciation of good work done by Mr. P. O'Briain (Society's liaison officer and inspector). PRESIDENT said letter must be considered a justification of Council's appointment.

Mr. O'Briain reported having visited 206 pharmacies, mostly in country areas. Several city pharmacists had said they were pleased with circular on training of apprentices. Other chemists complained about sale of Part II preparations by non-chemist shopkeepers. Many complaints of sale of poisons by non-qualified people came from one area in co. Lough. In co. Monaghan chemists would welcome information on horticultural preparations.

In a reply to Society's request to Ministry for Health for a State grant towards building additional laboratories, Minister said he had no funds for such a purpose, but he would receive deputation from Council. Department of Health requested memorandum from Council on proposed Pharmacy Bill.

PRESIDENT said programme for coming British Pharmaceutical Conference was practically complete. Details were being sent to each Council member. For conference banquet Mr. O'Sullivan (chairman, catering committee) had secured conferring hall at University College, Dublin. Designs for conference badge in enamels were circulated and favourably received; designs were by wife of a member of Society.

A motion by MR. TOHER asked education sub-committee to prepare a syllabus for a course in physiology, biochemistry, pharmacology and bacteriology for second professional course commencing 1956, and that that course should provide pharmacist with knowledge to dispense and discuss intelligently the complex drugs now in use. Council heard views of Mr. Toher and Dr. Timoney (dean of College). PRESIDENT observed there was little difference between the points of view except in timing. He suggested Mr. Toher should attend the meetings of the sub-committee. MR. TOHER agreed to fall in with president's suggestions, and motion was withdrawn.

Registrar reported deaths of Messrs. James McKenna, R.D., and William Godfrey Taylor, R.D. Secretary of Association of Ophthalmic Opticians, Dublin, wrote that modified examination for dispensing opticians was being held in Dublin on March 23 and 24. MR. LOUGHMAN spoke of reports in south of Ireland that Society had done nothing to safeguard interests of members under Opticians' Bill. PRESIDENT said such reports were untrue. A deputation from Council had met opticians and officials of Department, and had secured modifications of Bill.

Licence certificates of Messrs. Geoffrey O'Boyle, Desmond C. B. O'Donohoe, and Edward O'Keefe were signed and sealed. Messrs. S. J. Carden, T. Fullam, P. J. Lyons, T. K. O'Leary, and J. A. Tierney were elected members; nominations for Messrs. John C. Gorry, 54 South Main Street, Naas, co. Kildare; Patrick A. Gorry, Baltinglass, co. Wicklow; Vincent R. O'Shee, 4 Clyde Road, Ballsbridge, Dublin; and Patrick O'Rahilly, 7 Brookville Park, Coolock, co. Dublin, were passed.

At meeting of Benevolent Fund, cheque for £70 was reported received from recent dance held in Athlone under auspices of Westmeath Pharmaceutical Federation and West of Ireland Chemists' Association. Council passed a motion of thanks to both bodies. A similar vote to the Irish Chemists' Golfing Society for a subscription of £5 5s. was also passed. Several grants were passed for payment.

Mr. P. F. McGrath again presided on March 13. Present: Messrs. M. Power (vice-president), H. P. Corrigan (treasurer), V. McIlwee, J. P. Kissane, G. C. O'Neill, J. Gleeson, A. A. Toher, F. J. Robinson, J. J. O'Regan, D. J. Kennelly, T. C. Scott, and F. J. Loughman. Mr. James G. Coleman, B.L. (registrar) attended.

REGISTRAR read representations by president to Minister for Defence that pharmacists in Army should be placed on scale of salaries comparable with those of other serving professional officers. MR. GLEESON thought the president had put the case very ably.

The Council noted a letter received from the Editor of "The Chemist and Druggist" explaining current printing difficulties and hoping that members would make allowances.

Miss Gay Corcoran (assistant secretary, Irish Countrywomen's Association) forwarded a resolution from that Association recommending that directions on proprietary medical and veterinary products should be printed clearly and in large type. THE PRESIDENT said the request seemed reasonable. MR. POWER said the matter was primarily for manufacturers.

A request from Mr. Patrick Cagney, L.P.S.I., for restoration to register of Pharmaceutical Chemists was granted.

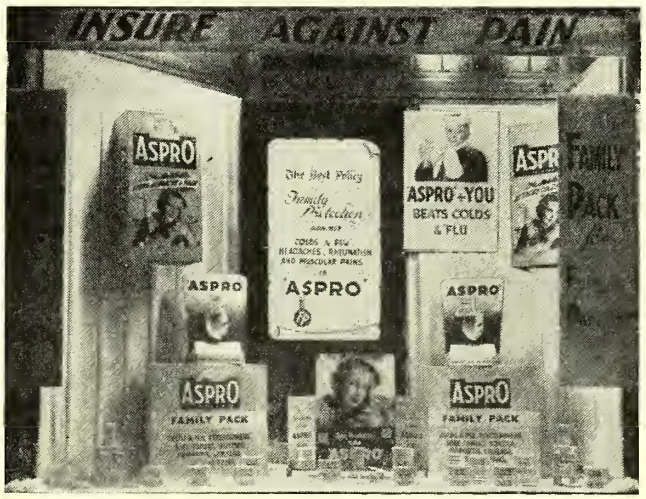
Mr. P. O'Briain (liaison officer) reported having visited 151 pharmacies since his previous report. From Limerick-Kerry came complaints of lines containing poisons supplied to grocers and other shops, and from county Kerry complaints of illegal sales of poisonous preparations. In Dingle he had arranged hours of opening.

REGISTRAR reported on deaths of Thomas Byrne, L.P.S.I., Evelyn Mary Flannery, M.P.S.I., and John Simpson, R.D. Changes of address were notified of Sister Mary Gabriel Joseph, M.P.S.I., to Dominican Convent, St. Mary's, Bouquet Street, Capetown, South Africa; Messrs. John P. Bowden to 97 Broomsport Road, Bangor, co. Down; Michael J. Dore, to 5 Orchardstown Park, Templeogue, co. Dublin; James O'Sullivan to Newcastle West, co. Limerick; Alphonsus J. Dolan to 1 Shelton Gardens, Terenure, Dublin;

# PRODUCTS, PACKS AND DISPLAYS

Left: Pack of 36 Cleaver's egg shampoo (Eric C. Cleaver, Ltd., Nottingham). Centre: Spray pack of Mistol Mist nasal spray and dropper pack of aqueous Mistol (distributors: Fassett & Johnson, Ltd., London, E.C.1). Right: Cusson's new cold-cream soap (Cussons, Sons & Co., Ltd., Manchester).

Left: Display outers for Rozalex "invisible glove" barrier creams Nos. 1 & 8 for dry and wet work respectively (Rozalex, Ltd., Manchester). Right: New handy home kit comprising Rentokil timber fluid A, injector, and insecticidal furniture cream (Rentokil, Ltd., London, W.C.1).




PRIZE-WINNING DISPLAYS: In a window-display competition organised in Lancashire by Aspro, Ltd., Slough, Bucks., first prize of £100 went to L. H. Kasmaty (Exors. of J. Rose, Ltd.), 20 Station Road, Urmston, Manchester (left-hand picture); second prize of £50 to the pharmacy department of Farnworth and Kearsley Industrial Co-operative Society, Ltd., 7 Brackley Street, Farnworth (right-hand picture); and third prize of £25 to W. H. Harrison, 35 Edge Lane, Stretford. There were also twenty-five special merit awards. Contestants were required to express originally and effectively the "family theme" and feature the family pack of Aspro. Entries totalled 255. The third prizewinner learned of his success on his seventy-third birthday.

# FESTIVE OCCASIONS

PORTSMOUTH

## "Crazy Night" for Benevolent Fund

A "CRAZY night frolic," organised by the Portsmouth Branch of the Pharmaceutical Society on February 29 realised about £40 for the Society's Benevolent Fund. Branch members, and their wives, decorated the hall and set up booths, stalls, and sideshows, to create a colourful display, and provide "all the fun of the fair." Background music was provided by means of a radiogram and amplifier, and among the many side-shows one of the most popular was "Dr. Smartie," who gazed into his mystic carboy and uttered strange pronouncements as to the possible future (See *C. & D.*, March 17, p. 193). Refreshments were provided and served by the wives of committee members. Stallholders added to the general amusement by the variety of their costume, and the crêpe paper "pinnies" and bows of the lady helpers lent additional colour to the scene.

HASTINGS

## Pharmacy Well Served

HASTINGS & District Branch of the Pharmaceutical Society held its annual dinner and dance, a brief report and cartoon of which appeared in the *C. & D.*, March 24, at Bexhill on March 7 under the chairmanship of Mr. G. H. Goodwin in the absence through illness of the Branch chairman Mr. H. Barnett. In proposing the toast "The Pharmaceutical Society," MR. GOODWIN said that a message of sympathy and good wishes was being sent to Mr. Barnett. The Society, he went on, was an "example of democracy" in having so small a proportion of members active in its affairs. In the circumstances pharmacy was lucky in having been so well served over so many years. It was more by luck than judgment that they got representatives of the calibre of their guest speaker from headquarters, Mr. J. C. Bloomfield, whom he congratulated on accepting office so early in life. One matter to which he thought Mr. Bloomfield might pay attention was the neglected state of the tomb of Jacob Bell at Tunbridge Wells. In his response MR. BLOOMFIELD said that the state of Jacob Bell's tomb had been considered by the Council, but there were difficulties in the way of having it set in order. The Council was in contact with the vicar of St. George's, Bloomsbury, to secure the erection of a permanent memorial to Jacob Bell in that church. Mr. Bloomfield spoke of the obligation on members to take a greater interest in both pharmaceutical and civic affairs. Thanking the Branch for its efforts on behalf of the Society's Benevolent Fund, he said the Council was concerned that only half the money for the Benevolent Fund came from direct contributions. Claims were becoming more numerous, and the Council did not want to "dig into capital." They would like to see more covenants entered into. DR. E. W. SKYRME proposed "The Visitors and Ladies," putting in a word of praise especially for the conscientiousness of lady pharmacists, and MISS MARY BURKITT (chairman of Brighton Branch) responded. Dancing followed until 1 a.m.

LONDON

## Chemists' Golfing Society

THE early days of the London Chemists' Golfing Society were recalled by DR. R. H. MARRIOTT, when he proposed the toast of the Society at its annual dinner and dance on March 15. It was founded, he said, by three "exiles" from Scotland in 1909, the early tournaments having been played at Chingford. Responding, THE PRESIDENT (Mr. C. H. Maile) first read telegrams of good wishes from Mr. Jack Jones, one of the founder members of the Society and now living in Wales, and from "our dear old friend 'Bally'" (Mr. W. M. Ballantyne). He pointed out that the Society was the first of its kind among pharmacists or chemical manufacturers in Britain. He would like to see matches played with the Association of British Pharmaceutical Industry and the Cosmetic Chemists' Golfing Society and with the various other sections of the industry. He paid tribute to the secretary and treasurer (Mr. A. S. Jerwood) and to the captain (Mr. G. T. Morson). He would break away from tradition and call upon the captain, who had been the guiding star of the Society during the past year, to speak. Mr. Morson said that he had thoroughly enjoyed his year of office. He remarked that the Society had broken from tradition by having a cabaret show at the annual dinner.

The following 1955 season awards were presented during the evening: D. Banks (Harker Stagg prize); J. A. Bennett (Burgoyne cup); R. J. Boulderstone (Jubilee vase); G. Bremner (Butler & Crispe prize); A. J. Campbell (Morny prize); W. G. Carter (D. & W. Gibbs prize); H. A. Coward (British and Colonial cup); R. H. Davies (captain's prize); H. Davis (Professor Flint cup); J. A. Evans (Hepburn shield); W. S. Hutcheon (Society prize); A. S. Jerwood (president's prize and putter); R. Tulliard (Thomson cup); G. T. Morson (Mentholatum prize); A. H. Newcombe (Aspro rose bowl); E. G. Nice (Kerfoot trophy); R. C. W. Poole (Leichner cup and R. J. Reuter (4711) prize); E. G. Smith (Yardley cup); B. F. Tisdall (McClure Young prize and Sanger cup); E. W. Warner (Arthur H. Cox prize).

# LIVERPOOL CHEMISTS' ANNUAL DINNER

### President stresses pharmacists' responsibilty

THE individual responsibilities of pharmacists were emphasised by Mr. H. Steinman (president of the Pharmaceutical Society) at the annual dinner of Liverpool Chemists' Association and Branch of the Pharmaceutical Society, held on March 14. The function—the most ambitious yet held by the Association and Branch — was attended by about 475 persons. Guests included Mr. Steinman, the lord mayor of Liverpool (Alderman R. R. Bailey), Professor Andrew B. Semple (Liverpool Medical Officer of Health), Mr. M. B. Harrop (president, Birkenhead and Wirral Pharmacists' Association), Mr. John Shackleton (president, Southport Branch), Mr. W. A. Mollon (chairman, Liverpool Branch, Guild of Public Pharmacists), and Mr. A. Pattison (captain, Liverpool Chemists' Golfing Society). Mr. J. Farrer Barnes presided.

Mr. Steinman responded to the toast of the Pharmaceutical Society, proposed by Professor Semple. It was always easy, he said, to say to either of "the Squares" (Queen and Bloomsbury), "What are you doing about it?" He suggested that pharmacists should ask themselves what they themselves were doing about it. The very essence of a profession lay in the individual responsibilities of the individual pharmacists.

If he or she told their representatives to apply sensibly the code of ethics there would be far less trouble than today. "I have the individual pharmacist's reputation and status at heart and would remind you that what every one of you does as an individual reflects on all as a profession."

Major responsibilities were to the public; to the professions associated with pharmacists in the national health service; to one's own colleagues; and to one's branch. A fourth responsibility, about which he thought there was no difference of opinion, was in the welfare of less fortunate colleagues through the Benevolent, Birdsgrove House and Orphan Funds. Up to December 1955, about £15,000 had been disbursed in dealing with 200 cases. Less than half that sum had been subscribed by members of the Society; the balance came from investment funds.

Mr. Steinman related how Mr. T. Ashworth, a Liverpool member, had told him "The day you are elected president you can have £100 for the Benevolent fund." Within a few minutes of being elected he (Mr. Steinman) had been handed two envelopes by Mr. John Tristram, one a letter of congratulation and the other containing Mr. Ashworth's £100 cheque.

In a tribute to Mr. Tristram, Mr. Steinman said Liverpool's loss of an Alderman was pharmacy's gain, because they wanted a reinvigorated John Tristram back in pharmaceutical politics.

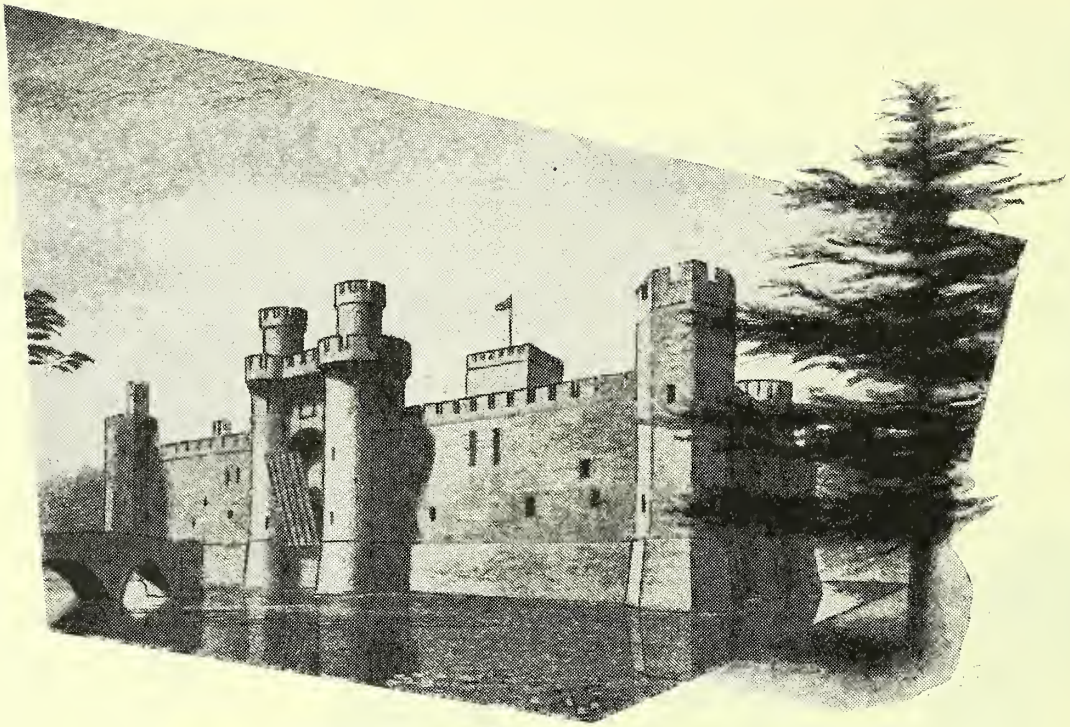
Professor Semple had earlier pointed out that the Guild of Public Pharmacists had made him a vice-president. He and the Guild shared the word "public."

MR. J. FARRER BARNES, proposing "The Guests," said he was proud to be president of the 108-years-old Liverpool Chemists' Association. He took the opportunity of thanking Mr. Denver R. Rees (secretary of the Association and Branch), Mr. C. Cullen (secretary of the social committee) and his committee for organising the function.

The LORD MAYOR said that, had he been responding to a toast to the city of Liverpool, he could have named two chemists who had been lord mayor. One he had specially in mind was Mr. John Tristram, "one of the most able and delightful of our lord mayors."

Toastmaster at the dinner was Mr. J. P. Murphy. Dancing followed.

C&D artist among the
"ANCIENT MARINERS" of
LIVERPOOL CHEMISTS
ASSOCIATION (FOUNDED 1849)
AND LIVERPOOL & DISTRICT BRANCH OF THE PHARMACEUTICAL SOCIETY OF GT. BRITAIN.
MARCH 14th 1956
GUESTS ABOARD
ALDERMAN REGINALD R. BAILEY, J.P. LORD MAYOR OF LIVERPOOL
HARRY STEINMAN
DENVER L. REES, SECRETARY
"CAPTAIN" J. FARRER BARNES
PRESIDENT LIVERPOOL CHEMISTS' ASSOCIATION
CHAIRMAN, LIVERPOOL AND DISTRICT BRANCH PHARMACEUTICAL SOCIETY OF GT. BRITAIN
MARY C. DODD
ARTHUR SAUL
TREASURER CHEMISTS' GOLFING SOCIETY
PORT HEALTH CODE
PROFESSOR ANDREW B. SEMPLE, V.R.D. M.D., D.P.H.
M.O.H. LIVERPOOL
C.S. CULLEN
SOCIAL ORGANISER SOCIAL SECY CHEMISTS GOLFING ASSOCIATION
J.P. MURPHY
PAST PRESIDENT
"FIRST MATE" J. KELLY
VICE-PRESIDENT L.C.A.
E.A. BRIGGS
PAST PRESIDENT CHAIRMAN LIVERPOOL BRANCH N.P.U.
ON THE WATERFRONT
H. HUMPHREYS JONES
W.E. (BILL) HUMPHREYS
PAST PRESIDENT



# Symbol of security

Doctors in ever-increasing numbers acknowledge that ACHROMYCIN tetracycline has brought a new measure of *security* to daily practice . . . a new ally of incalculable value. Here is an antibiotic of exceptional striking power and unfailing dependability. Even in seemingly overwhelming infections, where other antibiotics have proved unsuccessful, ACHROMYCIN will frequently evoke a dramatically swift response. Indeed, the drug has won its pre-eminence on the solid basis of outstandingly good *results;* and, in the light of continued clinical studies, its sphere of usefulness grows wider still.

**ACHROMYCIN*** TETRACYCLINE

Lederle

***swifter absorption . . . more prolonged blood levels***

*Available in the following forms:*
CAPSULES · EAR SOLUTION · INTRAMUSCULAR INTRAVENOUS · OINTMENT · OPHTHALMIC OINTMENT · OPHTHALMIC POWDER STERILIZED ORAL SUSPENSION · PEDIATRIC DROPS · SOLUBLE TABLETS · SPERSOIDS* Dispersible Powder · SYRUP TABLETS · TROCHES

ACHROMYCIN a true broad-spectrum antibiotic

*Regd. Trade-Mk.

**LEDERLE LABORATORIES DIVISION**

*Cyanamid* PRODUCTS LTD. LONDON, W.C.2

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

## Expected Costs

A YEAR ago we hazarded the guess that the Health Services estimates were inaccurate when they forecast that chemist-contractors in Wales would earn about £80,000 less in 1955–56 than they did the year before. A supplementary estimate published a few weeks ago (*C. & D.*, February 25, p. 169) showed that, instead of a fall in the cost of ingredients and containers by 3½ per cent., as had been originally estimated, they increased by 4½ per cent. In other words the original estimate was wrong by no less than 8 per cent. The comparable estimate for England was also out, but by the smaller amount of 6 per cent., and it is only fair to say that the original English estimate was in the correct direction. Scotland did not require a supplementary estimate, which again bears out what we have contended previously, that that country is better at the guessing game than its neighbours!

Bearing these facts in mind, a scrutiny of the estimates for 1956–57 (p. 209) shows that all three countries are, this coming year, budgeting for a rise in costs. England and Wales each expect an overall rise in pharmaceutical services costs of 3 per cent.; Scotland of only 0·4 per cent. The numbers of prescriptions, as indicated by dispensing-fee payments, are expected to show only slight increases in England and Wales, and a 2 per cent. decrease in Scotland. On the other hand ingredient and container costs are expected to rise in all three countries, in England by 4 per cent., in Wales by 2 per cent., and in Scotland by 1·6 per cent.

While the increase in pharmaceutical services costs in Scotland as a whole is only 0·4 per cent., the increase in cost of health-centre pharmaceutical services is put at 25 per cent.; but it is perhaps some consolation that health centres account for less than 0·1 per cent. of the total Scottish pharmaceutical services bill.

It would be interesting to know whether account has been taken in the estimates of the—let us hope—increase in chemists contractors' remuneration. If not, then supplementary estimates will again be called for, and that tends often to raise a clamour about rising pharmaceutical costs when in fact the fault lies in unintelligent estimating.

## Overseas Trading in February

THE overseas trading figures of the United Kingdom for February were more satisfactory in that the visible trading deficit was nearly a third lower than the level of the previous three months. The change was brought about by a sharp fall in imports, £309 millions against £346 millions in January—a trend that unfortunately was not shared by drugs and prepared medicines. Imports of the latter rose to £806,484 from £650,000 with only alkaloids, at £58,358, showing a fall; vitamins at £179,536 and antibiotics at £64,615 were up by over 50 per cent. of the corresponding January values.

The export value of drugs and medicines in February was, at £2,754,397, almost identical with that of February 1955, though the present year had one extra working day. Of the items for which separate statistics are available, only vitamins, at £269,516, alkaloids (other than quinine), at £83,141, and antihistamine preparations, at £44,835, were higher than in January. Penicillin exports were valued at £233,761, whilst other antibiotics, at £214,226, were at their lowest since separate figures have been available. Other medicinal exports included aspirin, £67,264; antipaludics, £60,346; sulphonamides, £121,496; ointments and liniments, £87,345; and proprietary medicines, £852,251. India, with purchases valued at £225,946, supplanted Australia (£198,193) as the largest buyer.

Exports of toilet preparations remained fairly steady throughout the month, with lipstick, face powder, rouge, etc., valued at £183,295, dentifrices at £134,636, and toilet soaps at £197,482. Detergents continued to be an increasingly valuable export and, at £761,660, were more than £100,000 up on the January total.

## A Contribution to Scientific Education

OF every 100 students at English universities today Professor Mott of Cambridge has estimated that 25 per cent. have a marked leaning for the Arts, and a similar percentage a special aptitude for the Sciences. Between them are an equal total who have tended to come down on the Arts side because, at the age (fifteen) at which they have had to come down on one side or the other, their teachers or parents have been more concerned to secure for them a background of "the humanities" than to persuade them to concentrate at so early a stage on an intensive "career" course. The scheme of "transfer" scholarships launched by Imperial Chemical Industries, Ltd. (p. 209) has been planned to divert some among that 50 per cent., after reaching a certain stage on the Arts side, but while there is yet time to convert them into scientists of equal academic rank, into the field of science. The scheme, at its maximum, will not swell by more than fifty annually the number of science graduates available for industry, but is regarded by the company as likely to have, as it were, a catalytic action on the educational system, so that eventually a much greater reservoir of scientists will be created than exists at present. The cost per year of the scheme is put at £35,000. It is being made known to likely candidates by circularisation of details of the awards to local education authorities and to headmasters of grammar schools. Although some years must pass before the success or otherwise of the scheme can be accurately assessed, it is undoubtedly a constructive contribution to the welfare of the nation by a corporation with every reason to appreciate the supreme importance of technological advance.

## INFORMATION WANTED

*The Editor would appreciate information about suppliers of the following items:*

Lady Smug
DANTHRON
EQUINOL
AMITOID suppositories
TRU-SPOT welder

## MISCELLANEOUS INQUIRIES

### Removing Silver Stains

*Is there any method of removing stains on clothes resulting from handling silver nitrate and other silver compounds?*

SILVER nitrate and similar silver stains on clothing are amenable to treatment with iodine (as weak solution) followed by removal with solution of ammonia. Silver stains on skin can be removed in the same way.

### Synthetic Cream

*Kindly send us an up-to-date formula for the manufacture of a synthetic cream, such as is used by bakeries and confectioners.*

A SYNTHETIC cream with a 30 per cent. butter fat content is made as follows. Into a tinned vessel suitable for boiling milk in place 4¾ pints of water. Stir in gradually until dissolved 10 oz. of separated milk powder, previously sifted. Take 3 lb. 10 oz. of unsalted butter and cut into small cubes to facilitate melting. Heat gently to 140° F. and pass through an emulsifier. Cool rapidly. If the cream is to be whipped it should be stored for twenty-four hours at 38-40° F.

### Wild Cherry Cough Linctus

*I would like an alternative formula for a cherry cough linctus to the one given in* Pharmaceutical Formulas, Vol. I.—D. C.

A PREPARATION of a type that once had a considerable vogue as a "wild cherry cough linctus" could be made to the following formula:—

| | |
|---|---|
| Syrup of Virginian prune ... | 2 oz. |
| Tincture of ipecacuanha ... | dr. 4 |
| Oxymel of squill ... ... | 1 oz. |
| Spirit of chloroform ... | m. 160 |
| Glycerin ... ... ... | m. 15 |
| Tincture of cochineal ... | 2 oz. |
| Soluble saccharin ... ... | q.s. |
| Preservative (e.g. propyl hydroxbenz.) ... ... ... | q.s. |
| Distilled water ... | to 10 oz. |

### Vanishing Hand Jelly

*Please supply a formula for a vanishing hand jelly for the treatment of rough red skin from household washing, etc., clear in colour and lemon-perfumed, for packing in tubes.*

THE following formula produces a jelly-type hand cream:—

| | |
|---|---|
| Boric acid ... ... | 1 drachm |
| Glycerin ... ... | 6 drachms |
| Oil of lemon ... | q.s. |

An alternative formula would be:—

| | |
|---|---|
| Tragacanth in powder | 1·5 gm. |
| Glycerin ... ... | 20 gm. |
| Tincture of benzoin ... | 1 gm. |
| Pink colour ... ... | q.s. |
| Lemon odour ... | q.s. |
| Distilled water ... | to 100 gms. |

The tragacanth is triturated with the glycerin in a mortar. The distilled water is then added until a jelly of suitable consistency is produced. Finally the tincture of benzoin and perfume are added. Sometimes a little alcohol is used to assist in forming the tragacanth mucilage.

# GUIDE TO NEW MEDICAMENTS

**Information about proprietary products supplied principally on prescription Reprints on perforated gummed paper for affixing to index cards are obtainable**

THE CHEMIST AND DRUGGIST Guide to New Medicaments (March 31, 1956)

## COMBISTREP

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: A sterile powder containing equal amounts of dihydrostreptomycin and streptomycin sulphates.

INDICATIONS: Tuberculosis, urinary tract infections due to streptomycin sensitive organisms, subacute bacterial endocarditis, brucellosis, peritonitis due to Gram-negative organisms and granuloma inguinale.

DOSAGE: 1–3 gm. daily in divided doses depending on the severity of the condition.

HOW SUPPLIED: In vial containing the equivalent of one gm. of the free base.

NOTES: *Stability and Storage:* The dry powder may be stored at room temperature for forty-eight months without appreciable loss of potency. Sterile suspensions may be kept under the same conditions for seven days. *Toxicity:* By combining equal amounts of streptomycin and dihydrostreptomycin and giving a dose equal to that used for either one alone, there is less danger of neurotoxicity. Certain signs of hypersensitivity or toxicity may occur and patients should be watched carefully for such reactions as skin eruptions and eighth nerve disturbances. Care should be taken in adjusting the dosage of patients with impaired renal function.

---

THE CHEMIST AND DRUGGIST Guide to New Medicaments (March 31, 1956).

## CORTRIL Ophthalmic Ointment

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Ointment containing 0·5 per cent. (5 mgm./gm.) or 2·5 per cent. (25 mgm./gm.) of hydrocortisone acetate.

INDICATIONS: Allergic, traumatic and inflammatory afflictions of the eye including: Blepharitis, conjunctivitis, corneal ulcer, interstitial keratitis, non-specific keratitis, herpes zoster ophthalmicus, phlyctenular kerato-conjunctivitis, scleritis, iritis, some cases of sympathetic ophthalmia and ocular burns.

CONTRA-INDICATIONS: Hyphæma and ocular tuberculosis.

USE: Approximately half an inch of the ointment should be applied to the lower eye lid, two or three times daily. The drug should not be withdrawn too soon after the initial response has been obtained.

HOW SUPPLIED: In 3-gm. tube.

FIRST ISSUED: December 5, 1955.

NOTES: 1. No significant systemic effect is obtained by using the ophthalmic ointment. 2. Infection should first be treated with a suitable antibiotic.

---

THE CHEMIST AND DRUGGIST Guide to New Medicaments (March 31, 1956).

## SUAVITIL*

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: Sugar-coated tablets, each containing 1 mgm. benzilic acid diethylaminoethyl ester hydrochloride (benactyzine hydrochloride).

INDICATIONS: Psychoneuroses arising from external stress, particularly psychoneuroses with anxiety reaction and psychoneuroses with depressive and obsessive-compulsive reaction. Certain psychosomatic disorders and compulsive alcoholism.

DOSAGE: 1–2 mgm. (in some cases 3 mgm.) three or four times daily.

HOW SUPPLIED: In bottle of 100 tablets.

FIRST ISSUED: October 31, 1955.

REFERENCES: Annotation, *Danish med. Bull.*, 1955. **2.** 159. Holten and others, *Acta Pharmacol.*, 1955. **2.** 148. Jacobsen and others, *Acta Pharmacol.*, 1955. **2.** 117, 124 and 135.

---

*Cross reference for card index:

**BENACTYZINE hydrochloride**: See Suavitil.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (March 31, 1956).

## TERRA-CORTRIL Ophthalmic Suspension

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Each mil of the suspension contains 15 mgm. hydrocortisone acetate, 5 mgm. Terramycin as the hydrochloride, and 10,000 units polymyxin B sulphate.

INDICATIONS: Eye conditions in which hydrocortisone is indicated, and the possibility or presence of infections due to Terramycin-sensitive organisms exist. Those include: Acute and chronic blepharitis, spastic entropion due to local irritation, conjunctivitis, corneal ulcer, non-specific keratitis, sclerokeratitis, scleritis and ocular burns.

CONTRA-INDICATIONS: Hyphæmia and ocular tuberculosis.

DOSAGE: One or two drops should be instilled into the eye three times daily. Therapy should not be discontinued too soon after initial response has been obtained.

HOW SUPPLIED: In 5-mil dropper vial. FIRST ISSUED: December 5, 1955.

---

THE CHEMIST AND DRUGGIST Guide to New Medicaments (March 31, 1956).

## PANIGOL Balm

MANUFACTURER: Wright Layman & Umney, Ltd., 42 Southwark Street, London, S.E.1.

DESCRIPTION: A non-greasy cream containing methyl nicotinate, 1 per cent.; histamine dihydrochloride, 0·05 per cent.; capsicin, 0·12 per cent. in a water-miscible base.

INDICATIONS: Muscular rheumatism, lumbago, fibrositis, sprains, stiffness, sciatica, neuralgia, neuritis.

USE: The cream is massaged lightly into the affected parts with the finger tips.

HOW SUPPLIED: In 2-oz. collapsible tube.

FIRST ISSUED: October 1955.

REFERENCES: *Ann. pharm. franç.* 1948. **6.** 489.

---

# FRONT-SHOP ITEMS

**Manufacture, Packing and Distribution.**—Facilities for the manufacture, packing and distribution of tablets, liquids and powders for home or export are offered by Thomas Marns, Ltd., Green Lane, Hounslow, Middlesex.

**Smaller Minimum Order.**—Trufood, Ltd., Wrenbury, Ches., are introducing a smaller outer for their packets of cereal food. The new carton contains 1 doz. instead of 2 doz. packets and the minimum order that can be placed direct is reduced accordingly.

**Father's Day.** — "Father's Day," 1956, has been fixed at June 16. The sponsoring body, Father's Day Association, Ltd., 16 Mumford Court, London, E.C.2, has produced an upright illustrated and hanging showcard, 11 x 8 in., and a window sticker 17 x 5¾ in. A pack of three showcards and six window stickers is available, price 5s.

**Staff Training by Quiz.**—A series of Quizlets for training sales staff has been produced by the Burlton Institute, 10 Manchester Street, London, W.1. They are particularly helpful as a self-teaching aid for new staff. A typical example, The Nine Steps, covers the essentials of a well-conducted sale.

**Preparations Against Cough.** — The C.F. product Tussola — "for troublesome coughs"—put up in 4-oz. and 8-oz. bottles by CUXSON, GERRARD & CO., LTD., Oldbury, Birmingham, has for its basis a mixture of treacle, honey and liquorice, with squill, aniseed, peppermint and a small dose of pholcodine. —Syrup pholcodine, manufactured by DUNCAN, FLOCKHART & CO., LTD., 104 Holyrood Road, Edinburgh, 8, is effective for adults and acceptable to children. Containing 8 mgm. of pholcodine in each teaspoonful, it is presented in 4-, 16- and 90-oz. bottles. — Zephrol ephedrine cough syrup is presented for retail sale in a 2½-fl.-oz. bottle. The makers: PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham.

**CROWNER FOR COUNTER REMEDY: A new crowner issued by Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury, Birmingham, for their product Quincabel, a combination of quinine and other cinchona alkaloids with camphor and belladonna.**

# PHOTOGRAPHIC NOTES

**General-purpose *X*-ray Camera.** — Hilger & Watts, Ltd., 98 St. Pancras Way, Camden Road, London, N.W.1, are suppliers of a general-purpose *x*-ray camera made by Enraf, Delft, Holland. The base contains a rotation drive for samples. To the base may be fitted accessories covering a wide range of techniques. Initially a customer need purchase only the base and one set of accessories. Subsequently additional items may be bought as required. All fit accurately on to the original base.

**Transparency Viewer.**—The Paterson 2 x 2 in. transparency viewer supplied by R. F. Hunter, Ltd., 51 Gray's Inn Road, London, W.C.1, is in the form of a slim box that slips easily into pocket or handbag. When the lid is opened, the viewing lens springs automatically into position and the viewer is ready for instant use. Slides are easily placed on an illuminated platform, lighting up by pressure on a conveniently situated control knob. The viewer is finished in shock-resistant plastic. When closed the lens, illumination control and all other parts are completely enclosed and protected from dust or damage. The full-size square shape of the lens enables horizontal and upright views to be examined, and permits comfortable normal viewing by a number of people simultaneously. Illumination is provided by a 2.5-volt electric bulb powered by two U.11 battery-type cells (not provided with the viewer).

# NEW COMPANIES

**P.C.=Private Company; R.O.=Registered Office.**

H. J. & M. GELLMAN, LTD. (P.C.).—Capital £250. To carry on the business of wholesale or retail chemists, etc. Directors: Hilary J. Gellman and Marshall Gellman. R.O.: 2 Mount Street, Manchester, 2.

ROBERT GOLDSBROUGH, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing chemists, etc. Directors: Robert E. Goldsbrough and Dorothy E. Goldsbrough (directors, Foaminol Laboratories, Ltd.). R.O.: 70 West Hill, Putney, London, S.W.15.

C. S. NASH (CHEMISTS), LTD. (P.C.).—Capital £500. To carry on the business of chemists, druggists, librarians, etc. Subscribers: Cyril Sheril, M.P.S., and Doris Sheril. The first directors are to be appointed by the subscribers. R.O.: 190 Stamford Hill, London, N.16.

MERCHANT CHEMICALS, LTD. (P.C.).—Capital £1,000. To carry on the business of dealers in, importers and exporters of chemicals of all kinds, etc. Subscribers: Frances B. Woolf and Ronald J. Meek. Ronald J. Meek is the first director. Solicitors: Stanley C. Davis, 80 Wimpole Street, London, W.1.

# WILLS

MR. N. W. WILKINSON, M.P.S., 11 Church Road, Banks, Southport, Lancs, left £8,090 (£7,398 net).

MR. R. H. WILLIAMS, M.P.S., 56 Anlaby Road, Hull, Yorks, left £9,834 (£7,354 net).

*HOSPITAL PHARMACY FORUM*

# PLANNING THE DEPARTMENT

IN spite of all the stringencies on hospital budgets, one hears with relief that some hospital authorities are at last turning their attention to creating new pharmaceutical departments or to remodelling old ones. Too often the pharmacy has been the Cinderella, relegated to back-stairs and basements, and too often the concept of a pharmacy department has been a room with shelves for the bottles and a sink. Now that a renewed interest seems to be awakening, it is important that the pharmacist should be taken into consultation at the earliest stage of planning, so that a department may be created which is capable of future development as well as satisfying immediate requirements. It is reassuring that the research and development committee of the Guild of Public Pharmacists is addressing itself to the task of helping those who are in the fortunate position of starting such plans. That is no easy task, for plans suitable at one hospital may prove quite unsuitable in another, even though the hospitals may be of comparable size. Much will depend on the scope of the work which it is intended to carry on. A large general hospital may require disproportionately more space than a small one if a manufacturing programme is envisaged. It is likely to be of value if the pharmacist, in consultation with his colleagues on the Guild's committee, can draw up a *questionnaire* which would record the scope of the proposed department's work. From that it should be possible to advise on the optimum floor space, its division as between working area and storage, and between laboratory and dispensary. Here the experience of many people may well be canalised through the committee, so that draft recommendations may be drawn up for hospitals of different size. The American Society of Hospital Pharmacists worked on those lines some years ago, and its recommendations have been published by the American College of Surgeons as a guide to hospital planners. The main criticism of such work is that the recommendations go into too much detail and tend to be regarded as blue-print specifications for standard units. While there may be some justification for standardisation, say, in military organisation, to ensure ease and convenience in the rapid fitting out of hospitals in a military emergency, civil hospitals vary so much in character and scope that plans should be no more than sketches capable of being readily adapted to local needs. So far, no organisation in this country has tackled the problem of drawing up such sketch plans for hospital pharmacies, and the Guild's committee might make a most useful contribution by producing some model examples.

## *Furnishings and Fittings*

There must by now also be a fund of experience to be drawn upon for suggestions as to furnishings, fittings and bench surfaces. Though there is much ground here on which opinion may differ, certain types of surface and certain types of fittings may be known widely as specially suitable or unsuitable for pharmaceutical work.

A matter of importance in planning pharmaceutical departments is group and regional policy on the degree of integration of the service. Clearly it would be uneconomic to devolop full-scale production units in every hospital. There must be an optimum size for the running of a sterile solutions laboratory, for example, or a syringe service. Below that optimum there is a tendency for "overheads" to be disproportionate to the output needed. Above it, the tendency would be to run into factory problems associated with large batches. Research is needed to determine the range of economic production laboratories. From such knowledge it should be possible to formulate policy recommendations for a group or a region. For example, certain hospitals could produce a limited range of preparations for supply within the group. Enlargement of the laboratory, and the longer runs made possible, may well enable more of the work to be performed by technical assistants and so relieve the manpower situation. The regional boards and hospital management committees have, however, no means of arriving at such policies without the help and advice of pharmacists with local knowledge. All the more reason is there for early implementation of the Linstead recommendations that committees of pharmacists should be set up to give just that kind of advice. The constitution of those committees is important. Only pharmacists can have the specialist knowledge on which to formulate policies of the kind under discussion, and, whilst it is obviously desirable that members of the medical committees and of the administration should be involved in the discussions, the pharmaceutical committee should have direct access to the Board if frustration and misunderstanding are to be avoided.

# NEW BOOKS

**Chambers of Commerce Manual, 1955–56**

*United Trade Press, Ltd.*, Boswell House, Gough Square, London, E.C.4. 10 x 7½ in. Pp. 766 plus glossary and index. 50s.

FOLLOWING on the lines of the first edition, which appeared last year, the manual is divided into seven parts. About three-quarters of the data has been revised. The first part describes the organisation and functions of the chamber-of-commerce movement, gives a complete directory of United Kingdom chambers, and shows their links with overseas territories. The second part deals with commercial law, commercial information on taxation, banking, currency, etc. Part five deals with exporting and importing and with overseas trade generally. Other parts provide a guide to the fuel and power industries and to national transport services.

**Hydrogen Peroxide**

WALTER C. SCHUMB, CHARLES N. SATTERFIELD, RALPH L. WENTWORTH. *Chapman & Hall*, 37 Essex Street, London, W.C.2. 9½ x 6¼ in. Pp. 675 plus name and subject indexes. 322s.

THE book provides, for the first time in English, a full book-length study of hydrogen peroxide. With its 2,500 literature references, it offers an exhaustive survey of a subject that is becoming of increasing importance. After dealing with the history and technical developments of hydrogen peroxide, the book describes present and potential methods of manufacture. The advantages and disadvantages of the various uses of the chemical are discussed side by side. Considering the size of the work, the authors treatment of medicinal applications of peroxide seems sketchy, occupying a little over two pages.

**A Textbook of Pharmacognosy**

N. M. FERGUSON, PH.D. (dean of the College of Pharmacy, University of Houston, Texas, U.S.A.). *The Macmillan Co.*, 10 South Audley Street, London, W.1. 9¼ x 6¼ in. Pp. 374. 42s.

IN the preface the author states that the book is designed primarily for use in the standard pharmacognosy course as offered in colleges of pharmacy in the United States. It is certainly a departure from British textbooks on the same subject. The emphasis throughout is on the finished product of pharmacy rather than the crude drug. It presents the subject matter of each biochemical group through a paragraph introduction, followed by an elaboration of the general physical and chemical properties of the group. That is followed by the method of extraction used for the constituents present in the crude drugs within the group. Each chapter gives a list of selected reading for additional study. Among the fifteen groups are carbohydrates, enzymes, vitamins, hormones, alkaloids, glycosides and volatile oils.

Peter P. P. Hayes to Curra-Mor House, Ballinasloe, co. Galway, and Arthur Law Smith to 82 Serpentine Avenue, Ballsbridge, Dublin.

On Schools Committee's report, Council unanimously agreed to approve of general science course as suggested at February meeting. On motion of PRESIDENT, seconded by MR. POWER, the following motion was passed: "That Regulation XI of Part 2 of the Pharmaceutical Examination Regulations be amended to read as follows: 'An applicant who has passed in chemistry and in physics, or in general science, in the Preliminary examination shall be exempt from passing the pre-Registration Examination' ".

PRESIDENT, as chairman of British Pharmaceutical Conference Committee, reported all arrangements practically completed. Circulars on Conference Fund had gone out to wholesalers and manufacturers. Response was satisfactory. Council considered proposals for new Pharmacy Bill. PRESIDENT, as Council's representative on National Health Council, made statement on new provisions of Health Act in effect from April 1 would affect pharmacists. Council voted thanks to Dr. O'Riordan (St. Anne's Hospital) for deputising at short notice as lecturer.

MR. POWER said that Mr. O'Connor (College staff) had arranged after Easter to give horticultural and veterinary lectures to pharmacists; he hoped first would be in Limerick. Lectures from manufacturers could be invited later. MR. KISSANE supported, and MR. TOHER said he was ready to get moving in Sligo. MR. KENNELLY said they were starting lectures for city chemists that night on horticultural subjects; Dr. Mabel Kane was giving first: on "Parasites".

Licence certificates of Maurice Anthony Keegan, Timothy Francis Kennelly, and Patrick F. O'Rahilly were signed and sealed. Messrs. John C. Gorry, Patrick C. Gorry, Vincent R. O'Shee, and Patrick Francis O'Rahilly were elected members; and Mr. Peter P. Paul Hayes, Curra-Mor House, Ballinasloe, co. Galway, nominated. At a Benevolent Fund meeting PRESIDENT said cheque for £595 had been received from Dance Fund Committee. The Council felt deeply grateful (applause).

## COMING EVENTS

**Wednesday, April 4**

EXETER Branch, Pharmaceutical Society, Imperial hotel, Barnstaple, at 7.30 p.m. Members' night.

**Thursday, April 5**

DURHAM County Branch, Pharmaceutical Society, Waterloo hotel, Old Elvet, Durham City, at 7.45 p.m. Annual meeting.

**Friday, April 6**

SOUTH-WEST LONDON Chemists' Association, Lambeth Town Hall at 7.45 p.m. Dr. J. R. A. Kennedy on "The Properties and Uses of Terylene Polyester Fibre".

## PRICE CHANGES

**A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; * = Tax 30 per cent; ** = Tax 60 per cent; *** = Tax 90 per cent.**

| | Doz. | I.R.P. |
|---|---|---|
| **F. C. CALVERT & CO., LTD.** | | |
| Calvex ointment* | 12 6 | **1 9 A** |
| **PINAUD LTD.** | | |
| Pommade Hongroise*** | | **2 6 A** |
| **SAVILLE PERFUMERY LTD.** | | |
| June parasol novelty*** | 25 0 | **5 0 R** |
| June basket novelty No. 106*** | 25 0 | **5 0 R** |
| June basket novelty No. 25*** | 35 0 | **7 0 R** |

## NEW PRODUCTS

**SCOTT & BOWNE LTD.** (correction)

| | | |
|---|---|---|
| Sans Egal: | | |
| Parisian pink, rose glow, Satan's touch lipstick | | **7 3** |

**P.A.T.A. PROTECTED LIST**

**(Alterations notified this week by the Proprietary Articles Trade Association.)**

ADDITIONS TO PROTECTED LIST

| | Doz. | I.R.P. |
|---|---|---|
| **CALMIC LTD.** | | |
| Cicatrin powder 15 gm. | 72 0 | **7 10** |
| Ferromyn elixir 4 oz. | 51 0 | **7 8** |
| | Each | |
| 20 oz. | 20 6 | |
| 40 oz. | 40 0 | |
| 80 oz. | 78 0 | |
| | Doz. | |
| tablets 100 | 36 0 | |
| | Each | |
| tablets 1,000 | 26 0 | |
| | Doz. | |
| Ferromyn B elixir 4 oz. | 54 0 | **6 9** |
| tablets 100 | 45 0 | **5 7½** |
| **CRYSTAL PRODUCTS CO., LTD.** | | |
| Outdoor Girl:— | | |
| Secret Love hand cream | 7 6 | **1 6** |
| talc | 11 4 | **2 3** |
| Secret Magic cream powder | 18 6 | **3 9** |
| Secret Blush liquid rouge | 8 8 | **1 6** |
| Magic Touch liquid foundation | 18 6 | **3 9** |
| Lip pencil | 6 2 | **1 3** |
| **C. J. HEWLETT & SON, LTD.** | | |
| Hewlett's antiseptic cream tube | 20 0 | **3 0** |
| Hewlett's teething jelly tube | 13 4 | **2 0** |
| **LLOYD-HAMOL LTD.** | | |
| Thoracin | 30 0 | **4 3** |
| Syl | 30 0 | **4 3** |
| dispensing pack | 222 0 | |
| **HENRY C. MINER LTD.** | | |
| Empty interchange case | 13 8 | **2 9** |
| Super-Stay interchange lipstick | 17 6 | **3 6** |
| Lacquer squeeze bottle | 20 0 | **2 6** |
| refill | 12 0 | **1 6** |
| Hi-lites | 12 0 | **1 6** |
| **RODMILL CHEMICAL CO., LTD.** | | |
| Rod Antu concentrated tracking dust | | |
| 4 oz. | 20 0 | **2 6** |
| 9 oz. | 40 0 | **5 0** |
| **RONA LABORATORIES** | | |
| Etophylate tablets 25 | 52 0 | **5 10** |
| | Each | |
| 100 | 15 0 | |
| 500 | 62 6 | |
| | Doz. | |
| ampoules 6 | 85 0 | **9 6** |
| | Each | |
| 50 | 48 0 | |
| | Doz. | |
| suppositories 12 | 123 0 | **13 9** |
| | Each | |
| 144 | 96 0 | |
| Nydrane tablets 50 | 24 0 | **39 2** |
| 250 | 103 6 | **169 0** |
| **RYBAR LABORATORIES LTD.** | | |
| | Doz. | |
| Rybrol tablets 50 | 48 0 | **7 2½** |
| 500 | 432 0 | **65 2** |
| **SMITH & NEPHEW LTD.** | | |
| Nivea Blue Velvet hand lotion | 12 0 | **2 5** |
| | 21 3 | **4 3** |
| **WIGGLESWORTH LTD.** | | |
| Zinc starch and boric powder | 9 6 | **1 6** |
| 1 doz. | 8 9 | |

## TRADE REPORT

LONDON: The markets were quiet during the week with the approach of the Easter holidays. Home inquiry was particularly dull in respect of crude drugs and essential oils. The most important feature among the oils was a drop of ninepence in the shipment rate for anise, because of a reported reduction in the "floor" price in China. Spot supplies of the oil at 16s. 9d. per lb. were threepence lower than in the previous week. Lemongrass remained steady at 14s. 3d. with June—July shipment of new crop at 12s., c.i.f. Chinese menthol was 42s. per lb., in bond, whilst the shipment rates were 1s. 6d. higher than that figure. With Indian castor oil and castor seed still advancing the price of B.P. domestic oil has held firm at £151 per ton, naked ex mill. In aromatic seeds sound-quality Moroccan coriander is 95s. per cwt. duty paid, whilst Bulgarian small seed has sold at 50s.; business is passing in Indian fennel at 85s. A further decline occurred in peppers with the exception of Sarawak special black which is now in short supply on the spot. White Sarawak at 2s. 7½d. per lb. was a halfpenny down. Ginger was little changed on the week and other spices were neglected. Prime cape aloes was sold at 337s. 6d. per cwt. on the spot whilst Curacao was offered at 355s.; there were no shipment offers of either. Costa Rican ipecacuanha was not available for shipment during the week. NEW YORK: Higher among crude drug were gum acacia at 18½ cents (up ½ cent) and tolu balsam at $4 (up ten cents). Ipecacuanha (source not stated) at $7 was down 25 cents per lb. Citral at $5.30 a lb. was up 35 cents. The General Services Administration is to sell 75,000 lb. of pyrethrum extract from the national stock pile. The sale will be made at "the market price" beginning September 17 and will spread over the year. (Present market price is $10 per lb.). The development of substitutes, notably allethrin, is the reason for the stocks of pyrethrum being reduced.

## NEWS IN BRIEF

LIBERALISATION of Italian imports from the dollar area may be increased by as much as 50 per cent, following the recent visit of the Italian Foreign Minister to Washington. Among goods given a greater rate of liberalisation would be dyestuffs and chemicals.

FESTIVAL dinner of the Royal Commercial Travellers' Schools was held in London on March 9. £40,834 was announced collected for the 110th maintenance appeal. Appeal president for 1956 is Mr. Gordon Boggon (vice-president, Mather & Crowther Ltd.).

## IRISH NEWS

AT a meeting of the Northern Ireland Chemists Federation committee held in Belfast recently, Mr. Fred Storey (chairman) presiding, the following were re-elected to the committee for a further period of two years:—Manufacturer representative: Mr. C. J. Hall (Evans Medical Supplies Ltd.); wholesaler representative: Fred Storey Ltd. The following officers were elected: Chairman, Mr. W. S. Hall; vice-chairman, Mr. C. J. Hall; secretary, Miss A. E. Strachan.

THE executive committee of the Ulster Chemists' Association met in Belfast on March 6, Mr. W. S. Hall (president) in the chair. It was agreed that the Association should immediately approach Northern Ireland members of the United Kingdom Parliament and place before them, with reasons, the concern of pharmacists at the proposed Restrictive Trade Practices Bill. The secretary was instructed to send copies of the letters to the local associations and ask them for support in the matter. It was agreed to hold the next meeting of the committee on April 10 and to invite officers of the local associations to attend. Disapproval was expressed of a trading stamp scheme being introduced to chemists, and the secretary was instructed to warn members against participating in such a highly unethical scheme. Complaints were received about a firm of manufacturers appointing fieldsmen to take orders direct from consumers, and the secretary was instructed to ask the firm for a statement of its policy.

## IN PARLIAMENT

MR. D. HEATHCOAT AMORY (Minister of Agriculture, Fisheries and Food), on March 19: About 520,000 gall. of orange juice has been sold since January 1, 1954. It contained preservative and was unsuitable for distribution under the welfare scheme. The price realised was £41,000. Payment to suppliers amounted to £740,000.

MR. HAROLD WATKINSON (Minister of Transport), on March 19: I am consulting the transport tribunal about making increases—in general not exceeding 5 per cent—in railway freight, dock and canal charges.

THE Food and Drugs (Scotland) Bill was read a third time and passed in the House of Lords on March 14.

MISS E. BURTON asked, on March 15, for a statement on the question of false claims made by tooth-paste manufacturers and what action was proposed under the Merchandise Marks Acts. Mr. Peter Thorneycroft (President of the Board of Trade): In view of the possibility of a prosecution, I would prefer not to make any comment at this stage.

THE following Bills were among those receiving Royal Assent on March 15: Therapeutic Substances; Food and Drugs (Scotland).

A (PRIVATE Member's) Industrial Rating Bill, which proposed to repeal the derating provision of the Local Government Act, 1929, and of the equivalent Scottish Act, so far as they relate to industrial and freight transport, was read a second time in the House of Commons on March 16.

## BIRTHS

McCRAW.—At Galashiels Hospital, Selkirks, on March 6, to Anne, wife of David Hunter McCraw, M.P.S. (chief pharmacist, Peel Hospital, Galashiels), a son.

NICOL.—At the Royal Maternity Hospital, Glasgow, on March 10, to Marie, wife of John Nicol, F.P.S., 16 Eskdale Street, Glasgow, S.2, a daughter.

## MARRIAGE

GEERCKE-CALDER.—At Portobello Old Parish Church, on March 10, Helen Mackay Calder, M.P.S., 7 Duddingston Park, Portobello, Midlothian, to Sydney Munro George Geercke, A.M.I.E.E.

## DEATHS

COOPER.—Recently, Mr. H. E. Cooper, M.P.S., Ethorpe Hotel, Gerrards Cross, Bucks, formerly of Four Elms, Dropmore Road, Burnham, Bucks, aged 79. Mr. Cooper was managing director of R. J. Reuter Co., Ltd., 1929-51. He joined the company in 1908 and was appointed general manager in 1913.

CROWE.—On February 28, Mrs. Ethel May Crowe, M.P.S., 98 Vicarage Road, Wolverhampton, Staffs. Mrs. Crowe qualified in 1919.

DAVIS.—On March 1, Mr. Sidney Davis, F.P.S., Sisleys, Ashleworth, Glos, aged 84.

HAWORTH.—Recently, Mr. Frank Haworth, M.P.S., 24 Acres Road, Bebington, Wirral, Ches, aged 68. Mr. Haworth was a former president of Birkenhead and Wirral Pharmacists' Association. He was for several years manager for Boots Ltd., Grange Road, Birkenhead. He retired from business three years ago.

HIRST.—On March 16, Mr. Harold Maude Hirst, M.P.S., 448 Scalby Road, Newby, Scarborough, Yorks, aged 69. Mr. Hirst was a member of the Pharmaceutical Society's Council, 1936-51. He was manager of a Scarborough pharmacy until 1932 when he went into business on his own account at Scalby. He was secretary or chairman of Scarborough Branch of the Pharmaceutical Society for 30 years, a former chairman of the Scarborough Branch of the National Pharmaceutical Union, and a former secretary of the North Riding (Yorkshire) Pharmaceutical Committee (with a seat on the county Executive Council). He was a keen amateur gardener and was a former president of the Scarborough Field Naturalists' Society, chairman of the Scarborough Allotment Holders, secretary of the Scarborough Chrysanthemum Show, chairman of the Scarborough Townsmen's Association, and a member of the Scalby and Newby Show Committee.

Mr. Adam A. Meldrum writes: The passing of H. M. Hirst removes from the scene one of the few remaining "diehards" of the old school. Brought up the hard way, when pharmacy was battling for its rightful place, he never forgot that progress only came by hard tackling and constant vigilance. While one could not always agree with him, one could always sense the enthusiasm and energy in his pursuits. The last time I met him was at the Harrogate Conference [1951] when, as chairman of the Branch he had faithfully served for so many years, he proudly received visiting members to his own Scarborough. His many acts of kindness, particularly to younger members, will be widely remembered.

Mr. Arthur Walker writes: Pharmacists the country over mourn the passing of a unique character. The late Mr. Hirst was a man wedded to pharmacy in that he breathed and lived his profession. He was guide and counsellor to many. His knowledge of botany was unsurpassed and ever shared without stint. He gave his all to pharmacy, and those close to him know that he pushed himself beyond the limits of physical endurance in an endeavour to further the craft he so loved.

JOHNSON.—On February 22, Mr. Frank Collett Johnson, M.P.S., 110 High Road, Beeston, Notts. Mr. Johnson qualified in 1921.

LLOYD.—On March 15, Mr. H. H. Lloyd, principal of H. Lloyd & Co., merchants, London, E.C.2.

MIDDLETON.—On February 7, Mrs. Jessie May Middleton, wife of Mr. Harold Ponting Middleton, M.P.S., 28 Milton Street, Nottingham.

ROBERTS.—On February 1, Mrs. Blodwen Myfanwy Roberts, M.P.S., 8A Ashfield Parade, Southgate, London, N.14, formerly of 218 Heathfield Road, Birmingham. Mrs. Roberts qualified in 1921.

SIMMONS.—Recently, Mr. Maurice Alfred Simmons, M.P.S., Central Pharmacy, Leyland, Lancs. Mr. Simmons qualified in 1910. He was chairman of Lancashire Pharmaceutical Committee.

Mr. Andrew Medcalfe (secretary, Lancashire Pharmaceutical Committee) writes: As one who had the privilege of working with our late chairman, Maurice Simmons, may I express the deep loss felt by the members of this committee and all others who had to deal with him on pharmaceutical matters. As a member of the Lancashire Executive Council he was a worthy champion of pharmacy and it is largely due to his efforts and to his reputation for fair and straight dealing that such a pleasant relationship exists between this committee and the members and officers of the Executive Council. Amongst his other Executive Council duties he was chairman of its finance committee.

## Pharmaceutical Chemicals

ADRENALINE.—Rates for synthetic B.P. are from 1s. 3d. (500 gm. lots) to 1s. 9d. (10 gm.) per gm. and ACID TARTRATE, B.P., from 10d. to 1s. 2d.

BORAX.—Prices for B.P. grade, for quantities of 1 ton and upwards, are as follows:—Granular, £50; crystals, £52 10s.; powder, £53 10s.; extra fine powder, £54 10s. per ton. Prices of commercial range from £40 to £45 10s. per ton, as to type and packing. Dehydrated borax is £61 10s. per ton in paper-lined hessian bags or £60 10s. in paper bags; carriage paid in Great Britain. Usual surcharges for smaller quantities.

BORIC ACID.—Prices for B.P. grade in quantities of 1 ton and upwards are as follows:—Granular, £83; crystal, £90; powder, £87 10s.; extra-fine powder, £89 10s. per ton, in 1-cwt. lined hessian bags carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but not less than 5 cwt., 1s. per cwt., 3 cwt., 2s.; 1 cwt., 3s.

CARMINE.—Price is from 112s. to 140s. per lb. as to quantity.

CHINIOFON.—B.P. 1948 is 67s. per kilo; 50-kilo lots, 62s. 6d. per kilo. The sodium derivative (B.P. 1953) is 99s. 4d. and 92s. 9d. for the same quantities.

CITRATES.—Rates (per lb.) are as follows:—POTASSIUM, 1-cwt. lots, 3s. 10½d.; 28-lb., 4s. 10d.; SODIUM, 1-cwt., 3s. 3½d.; 28-lb., 4s. 1½d. (powder of both salts twopence more). IRON AND AMMONIUM, 1-cwt. lots, granulated, 4s. 2½d.; 28-lb., 5s. 3d. Scales are 9d. per lb. above the granulated.

CREAM OF TARTAR.—Rates for the home trade are now as follows:—1 ton lots, 231s. per cwt.; 10-cwt., 232s.; 5–9-cwt., 233s.; 2–4-cwt., 234s.; 1-cwt., 235s.

DEXTROSE. — Rates are as follows:—MONOHYDRATE, B.P., 1-lb., 1s. 11½d.; 7-lb., 11s. 10d.; 28-lb., 43s.; free packages, less 12½ per cent. to wholesalers. In bulk, 1-ton lots, £90 ex works, ANHYDROUS, B.P., 7-lb., 14s.; 14-lb., 26s. 3d.; 28-lb., 49s. (terms as for monohydrate). 1-ton lots, £107 10s. ex warehouse.

EMETINE.—Price for 32-oz. lots of the HYDROCHLORIDE is 250s. per oz. The BISMUTH IODIDE is 125s. per oz.

ERGOMETRINE. — For 29-gm. lots the price of the MALEATE, B.P., is £21 10s. per gm., and the TARTRATE, £20 per gm.

ETHER.—Prices (per lb.) in winchesters are as follows:—TECHNICAL, B.S.S., and SOLVENT, 5-cwt., 2s. 5d.; 10-cwt., 2s. 4d. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt., 3s. 9d. In drums prices are 4d. per lb. less than above.

GALLIC ACID.—B.P.C. is 8s. 7d. per lb. for 1-cwt. lots.

HYDROGEN PEROXIDE.—Carboy lots of 20 vols. are 5s. per gall. The 35 per cent. (by weight) is 158s. per cwt. in 1-cwt. carboys.

HYPOPHOSPHITES.—Prices per lb. are as follows:—

| SALT | 7 lb. | | 28 lb. | | 1 cwt. | |
|---|---|---|---|---|---|---|
| | s. | d. | s. | d. | s. | d. |
| CALCIUM ... | 6 | 4 | 5 | 11 | 5 | 6 |
| IRON ... ... | 13 | 3 | 12 | 9 | 12 | 3 |
| MAGNESIUM ... | 10 | 4 | 9 | 11 | 9 | 6 |
| MANGANESI ... | 13 | 6 | 13 | 0 | 12 | 6 |
| POTASSIUM ... | 8 | 7 | 8 | 2 | 7 | 9 |
| SODIUM ... ... | 7 | 1 | 6 | 8 | 6 | 3 |

ICHTHAMMOL. — B.P. is from 2s. to 2s. 6d. per lb. in 1-cwt. lots as to origin and container.

IODOFORM.—Powder is 26s. 1d. per lb. in 1-cwt. lots and crystals, 28s. 9d.

ISONIAZID.—In 5-kilo lots the price is about 140s. per kilo.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £17 10s. and £20 per ton according to size of crystal and manufacture. Exsiccated is £37 2s. 6d. per ton. All ex works.

MANDELIC ACID.—In 1-cwt. lots the price is 12s. per lb. with the CALCIUM SALT also 12s. SODIUM MANDELATE is 12s. 6d. and AMMONIUM MANDALE 50 per cent. solution 7s.

METHYL SALICYLATE. — In 5-cwt. lots price is 3s. 1½d. per lb.; 1-cwt., 3s. 2d.; 56-lb., 3s. 2½d.

OLEIC ACID. — Price for B.P. is about 153s. per cwt.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE.—1-kilo is 47s. 1d. and 50 kilos, 44s., per kilo.

SACCHARIN.—In lots of 1 lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage.

SEMICARBAZIDE HYDROCHLORIDE.—Technical grade is 20s. per lb. for 1-cwt. lots.

SODIUM BROMATE.—1-cwt. lots are quoted at 10s. 9d. per lb.

SODIUM CHLORIDE. — Re-crystallised is 30s. per cwt.

SULPHATHIAZOLE. — Manufacturers' rate for 1-cwt. lots is 16s. 6d. per lb.

SULPHOCARBOLATES. — SODIUM PHENOLSULPHONATE, B.P.C. (powder) is 5s. 6d. per lb. in 1-cwt. lots and ZINC, B.P.C., is 5s. 6d.

TARTARIC ACID. — Rates for the home trade are as follows:—10-cwt. lots, 270s. per cwt.; 5–9-cwt., 272s.; 2–4-cwt., 274s.; 1-cwt., 275s.

UREA. — Manufacturers' rates for pharmaceutical grade are £63 per ton in 1-cwt. bags non-returnable. Technical quality is £44 10s. per ton.

ZINC CARBONATE. — In 1-cwt. lots the price is now 1s. 9½d. per lb.

ZINC PEROXIDE. — Price (per lb.) for 1-cwt. lots of B.P. is 5s. 3d.

## Crude Drugs

AGAR.—*Kobé* No. 1 is 12s. per lb., duty paid and 9s. 9d., c.i.f.

ALOES.—Prime Cape is nominal on the spot and for shipment. Curaçao, spot, is 340s. per cwt.

ANISEED (STAR).—Chinese is offered at 142s. 6d. per cwt., duty paid and 125s., c.i.f., for shipment.

BALSAMS.—Quotations (per lb.) are:—*Canada:* Spot offers are 21s. *Copaiba*, soluble, 8s. to 10s., duty paid. *Peru* 9s. 6d., duty paid and for shipment at 8s. 6d., c.i.f. *Tolu* (genuine as imported) is 26s. 6d.; B.P. is 17s. 6d., spot.

CARDAMOMS.—Aleppy greens for shipment are 13s. 9d. per lb., c.i.f., and spot, 14s. 6d.

CASCARA SAGRADA. — American peel is from 245s. to 257s. 6d. per cwt., duty paid and 225s., c.i.f.

CASCARILLA. — Quills are cleared on the spot, siftings, 1s. 4d.

CHILLIES. — Mombasa, spot, 340s. per cwt., 320s., c.i.f.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 6s. 8d.; OOO, 6s. 6d.; OO, 6s. 4½d.; O, 6s. 3½d.; firsts, 5s. 6½d.; quillings, 3s. 4d.; chips, 9d. to 10d.

CLOVES.—Zanzibar on the spot are now quoted at 3s. 2½d. per lb.; prompt shipment, 3s. 2¼d c.i.f. Madagascar, 2s. 10d., duty paid; 2s. 7½d., c.i.f.

DIGITALIS LEAF.—*Purpurea* is offered at 3s. 2d. per lb., c.i.f.

ERGOT. — Portuguese on the spot is 9s. 9d. per lb.; forward, 9s., c.i.f.; Polish is 7s.; Hungarian, high-testing, 11s. 6d. landed terms, and American, 10s. all on the spot.

GINGER.—African is offered on the spot at 225s. per cwt. with shipment at 215s., c.i.f. Spot Jamaican is 490s. New-crop, April shipment, 445s., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts on the spot are 142s. 6d. per cwt. and shipment, 132s., c.i.f.

HENNA.—Whole leaf: Indian for shipment is 55s. per cwt., c.i.f. for Bombay green, and spot from 70s.

KARAYA.—Easier. No. 1 gum on the spot is now quoted at 295s. per cwt., and No. 2 at 250s.

LIQUORICE. — Quotations (per cwt.) for natural root are: Anatolian, 55s.; Russian, 47s. 6d.; Persian, 35s. Block juice is 200s. per cwt. for the Anatolian and 195s. for Chinese on the spot. Italian stick from 310s. to 475s. per cwt., duty paid.

LOBELIA HERB.—Scarce on the spot at 12s. per lb.

MENTHOL.—Chinese, 43s. lb. in bond, and 44s. 6d., c.i.f. Brazilian, 42s., duty paid; 38s. 6d., c.i.f.

MERCURY.—Per flask (76-lb.) £86 10s. on the spot.

ORANGE PEEL. — West Indian bitter quarters are 11d. to 1s. per lb.

RHUBARB.—Quotations are from 7s. 6d. to 10s. 6d. per lb. as to quality.

SHELLAC. — F.O.T.N., 280s. per cwt.; F.O. No. 1, 310s.; fine orange, 340s. to 405s.

VALERIAN ROOT.—Belgian on the spot is quoted at 175s. per cwt. Dutch for shipment is 182s., c.i.f.

## Essential and Expressed Oils

ALMOND—B.P. is 14s. per lb.

ANISE.—Chinese, 16s. 9d. per lb., spot; 14s., c.i.f.

BAY.—West Indian is 11s. per lb. on the spot.

BOIS DE ROSE.—Brazilian is 30s. 9d. per lb. on the spot and 29s., c.i.f.

CALAMUS.—Offers are from 55s. per lb.

CASTOR.—Minimum 2-ton lots of pharmaceutical quality, £151 per ton, naked ex mill.

CITRONELLA.—Ceylon, 6s. 1d. per lb., spot; shipment, 6s., c.i.f. Formosa, spot, 13s. 3d., in bond; shipment, 12s. 9d., c.i.f.

CLOVE.—Madagascar leaf is 8s. 6d. per lb., duty paid and 8s. 6d., c.i.f., for shipment. Rectified 87–88 per cent., 14s.; distilled bud oil, English, from 35s.; imported, 17s. 6d.

GERANIUM.—Bourbon is from 87s. 6d. per lb. on the spot and Algerian, 72s. 6d.

LEMONGRASS.—Spot, 14s. 3d. per lb; shipment, 14s., c.i.f.; new-crop, June-July, 12s., c.i.f.

LIME. — Supplies of West Indian distilled are offered from 30s. to 35s. per lb., on the spot.

ORIGANUM. — Sellers of 75 per cent. phenols at 13s. 6d. per lb.

OTTO OF ROSE.—Bulgarian is 450s. and Turkish, 190s. per oz.

PALMAROSA. — East Indian, 65s., spot; 60s., c.i.f.

PATCHOULI. — Penang is 47s., duty paid, and 41s., c.i.f.

PENNYROYAL. — Spot is quoted at 23s. 6d. per lb., duty paid.

PEPPERMINT.—*Arvensis:* Chinese is 31s. per lb. on the spot and 32s. 6d. c.i.f. Brazilian, 26s., spot and 23s., c.i.f. Italian "Mitcham"-type oil is from 70s., spot, and American, 42s. 6d. to 47s. 6d. English Mitcham, 190s. to 200s.

PETITGRAIN.—Paraguay, spot, 24s. 6d. to 25s. 6d. per lb. as to brand.

PINE.—*Pumilionis* on the spot is from 16s. per lb.; *sylvestris*, 9s. Siberian (*abietis*), 12s. 6d.

SANDALWOOD. — Mysore is 97s. 6d. per lb. on the spot.

SASSAFRAS.—Brazilian is 5s. 6d. per lb., duty paid.

VETIVERT.—Bourbon in original drums on the spot is 87s. per lb.

# WHOLESALERS ANSWER QUESTIONS

## An innovation by Liverpool Chemists' Association

AN innovation at the meeting of Liverpool Chemists' Association and Branch of the Pharmaceutical Society on January 26 was the presence of a panel of representatives of manufacturers and wholesalers to answer questions submitted by retail pharmacists. The panel comprised the secretary of the Association and Branch (Mr. Denver L. Rees, Evans Medical Supplies, Ltd.), and Messrs. N. Marsh (Ayrton, Saunders & Co., Ltd.), and A. Duckworth (secretary, Association of British Pharmaceutical Industry). Mr. J. Farrer Barnes presided. Here are some of the questions, with summaries of the answers.

How would the forum tackle the problem of pharmaceutical lines being supplied to retailers other than pharmacists?—Most pharmaceutical houses of repute do restrict their trade to pharmacists. It would be difficult to stop such things as olive oil and eucalyptus oil going to other traders.

Must manufacturers offer products under trade marks? Would not the approved name, accompanied by the manufacturer's name, be adequate protection? — The trade mark indicates manufacturer's interest in the standard of his product. A brand name offers incentive to maintain quality and goodwill. That is in the public interest.

Why is the service at the town counters of local wholesalers not improved to suit the needs of the retail pharmacy?—The proper function of the town counter is to serve "smalls" or rush items omitted from the general orders. If that is agreed, the town counters do not fall far short of requirements.

Enormous sums spent annually by manufacturers on advertising and publicity must inflate the cost of the preparation. Does the forum think present-day publicity excessive?—I can't get enough money out of my company to spend on publicity. If I could sell more I could bring down prices. — If the advertising and publicity is misleading it should be stamped upon. If it is informative and true then the more you have the better.

Many pharmaceutical lines can be purchased outside Liverpool at cheaper rates than are charged by local wholesalers. Can the forum suggest how to overcome that? Why not one pack, one label, one price for all chemists?—I do not agree that prices obtainable from outside firms are lower than those of our local houses. If the retailer is on the side of the local wholesaler he can help by giving facts and figures. It is not thought that standardisation is to be aimed for. Retailers would not want to lose their individuality.

There is a common practice among some drug houses of supplying drugs and galenicals at a price inclusive of container. It is inconvenient to the retail pharmacist. Can the forum justify that practice? — MR. FARRER BARNES summarised the replies of the panel thus: "They are in agreement that the prices of smaller goods should be inclusive. The practice is debatable for other goods."

Why should preparations to recipe prepared by manufacturers be invoiced at prices which, when compared with ingredient cost, appear ridiculous?—Making up specials is purely a service, and labour costs often "swamp" the ingredient costs. Making up a small item sometimes interferes with a long run of other items.

Does the panel think that "drug houses" as we now know them will disappear, as suggested in THE CHEMIST AND DRUGGIST (January 21, p. 67), in view of the modern trend towards ethicals?—The author of the article is certainly writing from his own experience. There is a trend for certain drug houses to sell ethicals only.—More and more drug houses will find it uneconomical to make galenicals and they will go into fewer hands.

Do wholesalers consider their Saturday morning service adequate?—With the five-day week, Saturday morning service was intended for emergency supplies. Unfortunately some customers regarded it as an ordinary day and overworked the skeleton staff. Increasing the Saturday morning staff would probably involve the payment of overtime rates, which would add to the costs. Can anything be done to help pharmacists to get rid of dead stock—broken bulk and unbroken bulk—of old ethicals?—So long as there is private enterprise there will be overlapping. Sooner or later in the plethora of competing products there is one that is better than the others. It gives the idea to other manufacturers, who try to bring out an improvement on the original. Dead stock was a problem of the wholesaler as well as the retailer. So long as ethicals were prescribed, there would be a backlog of dead stock.

Is there any reason for not using square or rectangular bottles, which would make for more orderly arrangement on the shelves?—Square bottles are more difficult to make, more costly, not so easy to clean and generally speaking not so accurate as round bottles.

When Mr. S. M. Benson put forward suggestions for better bulk packs (cream in jars; powders in 1-lb. polythene bags), MR. DUCKWORTH said: "We have various committees in London but we never hear of these things. Send in your suggestions either direct or through the National Pharmaceutical Union."

# NO IMPACT ON PHARMACY?

## Huddersfield discusses effect of N.H.S.

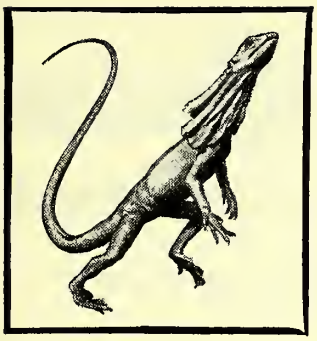
HUDDERSFIELD and District Association and Branch of the Pharmaceutical Society, at a meeting held locally on February 2, discussed the proposition "That the National Health Service has had little impact on pharmacy." MR. F. NORTH, who opened the discussion, said that the N.H.S. had been in the main successful and had affected in various degrees the professions concerned. The initial rush for spectacles and dental treatment had not been sustained, but it had enabled opticians and dentists vastly to improve their status, and the optician or dentist of today was on a far better footing than his counterpart of pre-N.H.S. days. Doctors had ceased being businessmen to become civil servants. That had not reduced the efficiency of medical service, for the doctor could now treat his patients according to their needs and not their pockets. What had happened to pharmacy? The provision made for dispensing since the 1911 Act had required little alteration to cope with the increased work, and a twofold increase in the number of prescriptions had been dealt with by the chemists without interference with the counter side of their business. If any disturbance had been felt from N.H.S. dispensing, surely it would have been shown by a neglect of the sale of cosmetics and similar items. That had not occurred. The difference in pharmaceutical practice between 1947 and 1956 was mainly due to the introduction of a large number of antibiotics and ethicals, which was just as prevalent in countries where there was no national health service. In fact a high proportion of those products on the British market were of United States or Continental origin. It was most likely that, had not N.H.S. come into effect in Britain, the introduction of those often costly preparations would have brought pharmacists as much private dispensing as they now got. Doctors would not have had the time or training to deal with the new preparations, and would have been unwilling to lay out the capital necessary to carry stocks of them for their own dispensing.

MR. C. THOMPSON agreed that doctors would probably have issued private prescriptions for ethicals. War-time conditions had had greater effect on pharmacists' incomes than had N.H.S. Mr. Peel said that the possibility could not be overlooked that had N.H.S. not been introduced, dispensing fees would have had little or no increase. The N.H.S. provided a guaranteed market for ethical preparations. He did not think that doctors would have used as many ethicals for their private patients, and they would have continued to do their own dispensing. Pharmacists would have been in a far worse financial position.

MR. J. H TRANMER said that the N.H.S. Act had established that the pharmacist was the only person trained to dispense medicines. It had also introduced the principle of oncost, whether or not the percentage was sufficient.

MR. G. GREENWOOD'S view was that, if N.H.S. remuneration were reduced, the average chemist would find he could not carry on with what his counter trade alone brought in.

MR. H. WALKER pointed out that, while the wages index had increased from 100 points to 148 points from 1948 to 1956, all that chemists had received had been a continuous series of cuts—in container allowances, oncost, and basic prices. The average pharmacist was worse off in 1956 than in 1948.



# Nature's defences...

## ...for animals

Nature's defences are so predictable. For the Frilled Lizard (Chlamydosaurus) they are threefold. When disturbed, it first seeks safety in flight, running swiftly on its hind limbs. But if unable to escape, it turns at bay and tries to frighten its pursuer by erecting its brown and green neck frill and opening its saffron yellow mouth. The frilled lizard's chief means of defence, however, lies in its powerful whip-like tail.

## ...for humans

Nature also provides predictable defences for man. In one of these—TERRAMYCIN, a broad-spectrum antibiotic derived from a tiny wrinkled mould found in the soil—she has provided man's most predictable means of defence against microbial attack. Effective in more than 100 infections, TERRAMYCIN with its rapid anti-microbial action and fewer side effects ensures a more positive defence against more organisms than any other anti-infective agent.

**TABLETS · ORAL SUSPENSION · PAEDIATRIC DROPS · TROCHES · INTRAMUSCULAR INJECTION · INTRAVENOUS INJECTION · OINTMENT** *topical and ophthalmic* **· OTIC SOLUTION · NASAL SOLUTION · TOPICAL POWDER SOLUBLE TABLETS · VAGINAL TABLETS**

# Terramycin*

BRAND OF OXYTETRACYCLINE

TERRAMYCIN* SF* (combined Terramycin and specific nutrients) is available to fortify the patient and, at the same time, to fight the infection.

**Trade Mark Chas. Pfizer & Co. Inc.*

Pfizer

**World's Largest Producer of Antibiotics**

PFIZER LTD · FOLKESTONE · KENT

*The Symbol of* GS *Quality & Service*

**GRAESSER SALICYLATES LTD**

SPECIALISTS IN THE MANUFACTURE OF

**ASPIRIN SALICYLATES and ALLIED PRODUCTS**

*Kindly Note . . .*
OUR RANGE NOW INCLUDES

**METHYL SALICYLATE**

SANDYCROFT
NR. CHESTER

*Telephone:*
HAWARDEN 2125
*Telegrams:*
QUALITY CHESTER

**IMPORTERS AND SUPPLIERS OF PHARMACEUTICALS**

SODIUM AMINOSALICYLATE B.P.
ISONIAZID B.P.C.
NICOTINAMIDE B.P.
NICOTINIC ACID B.P.
GLYCINE U.S.P.
RESERPINE

**HALEWOOD CHEMICALS LTD**
111-115 EASTBOURNE MEWS
LONDON, W.2
AMBassador 4198-5487

*ESTABLISHED 1793*

**ATKINSON & BARKERS INFANTS' PRESERVATIVE**

The Infants' Medicine
of 150 years' standing

For teething and digestive troubles

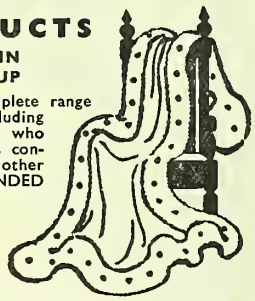
**ROBERT BARKER & SON LTD**
13 ALISTAIR STREET, MANCHESTER, 1

**QUEEN**

*Non Allergic*
**BEAUTY PRODUCTS**
THE SAFETY FACTOR IN
EVERY DAY MAKE-UP

Queen beauty products form a complete range of toilet and beauty preparations, including lipsticks, specially for those women who have sensitive skins. Queen products contain no orris in any form, nor any other skin irritants AND ARE RECOMMENDED BY THE MEDICAL PROFESSION.

*Obtainable from your Whalesaler or direct from . . .*
BOUTALLS CHEMISTS LTD.
60 Lambs Conduit St., London, W.C.1



**TANNIC ACID**
**AND DERIVATIVES**

**THE BRITISH DYEWOOD COMPANY LIMITED**
19 St. VINCENT PLACE, GLASGOW C1

# Something they can trust

The public likes something reliable, something with dependable high quality. A faithful following is the public's response to trustworthy products that give real satisfaction. Such is the popularity of

## CUTICURA SOAP
## CUTICURA OINTMENT
## CUTICURA TALCUM POWDER
## CUTICURA SHAVING STICK

There is a growing circle of discriminating people who appreciate high quality and insist on these soothing, protective, fragrant, mildly medicated Preparations, for care of the skin. Just display one each of these eye-catching firm family favourites in your attractive window, and make sure this steady all-the-year-round business comes your way.

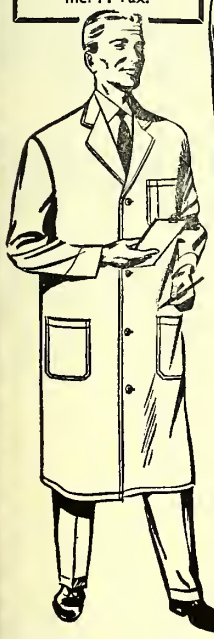
*For your next order list two new quality preparations*

**CUTICURA HAND CREAM AND CUTICURA MEDICATED LIQUID**

*are also now available*

325

**INDUSTRIAL COAT**
Style No. 215
White, Khaki, Grey.
Sizes 34"—46" Chest.
Measurements over vest.
**Price 22/10**
inc. P. Tax.



*Be proficient in your appearance!*

# MEN'S & WOMEN'S COAT OVERALLS

*GUARANTEED FULLY SHRUNK*

Made of a heavy drill which we are proud to offer

**A GENUINE LANCASHIRE CLOTH**

OTHER CLOTHS AND COLOURS
**NOT LESS THAN 3 COATS SOLD OF EACH STYLE**

Postage and Packing 2/- for three Coats
**LARGER QUANTITIES—CARRIAGE PAID**

**INDUSTRIAL WRAP-OVER**
Style No. 315
White, Navy, Saxe Blue, Green.
**SW 21/4 W 22/4**
**WX 22/4 OS 25/6**
inc. P. Tax

**INDUSTRIAL JACKET**
Style No. 225. White, Khaki, Navy, Grey
Sizes 34"—46" Chest.
Measurements over vest.
**Price 16/11** inc. P. Tax.

**INDUSTRIAL BUTTON FRONT**
Style No. 312.
White, Navy, Saxe Blue, Green.
**SW 21/4 W 22/4 WX 22/4**
**OS 25/6** inc. P. Tax

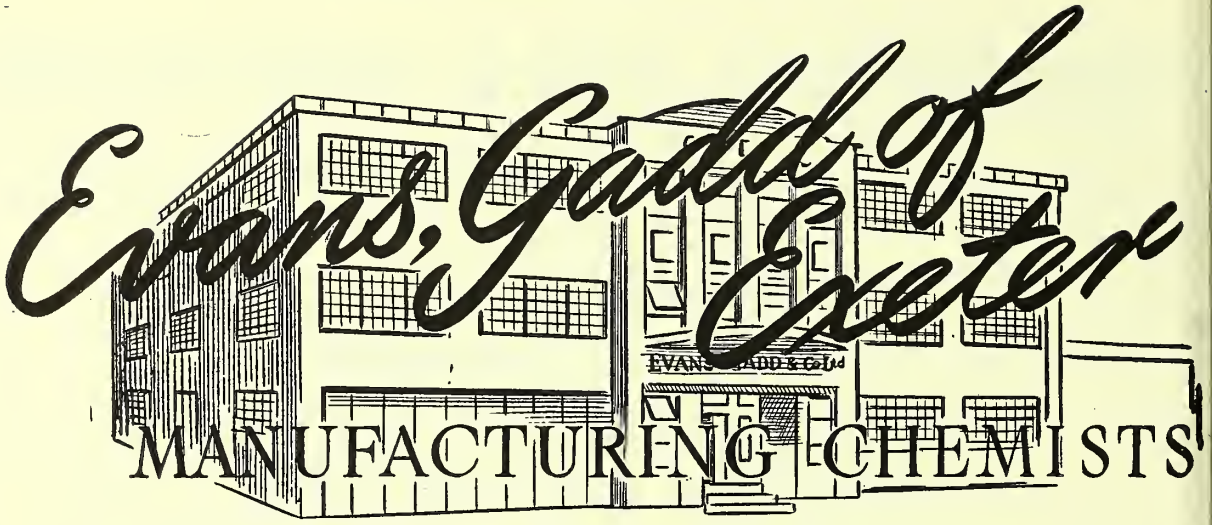
*Let us have your enquiries*

*LADIES SIZES—BUST SW 34, W 38, WX 42, OS 46*

# WILLIAM COATES & SON LTD

**2 BRADSHAW STREET · SHUDEHILL · MANCHESTER 4**

**Telephone: DEA 2057**




Drugs, Galenicals, Packed Goods and Sundries
for the Pharmaceutical Trade

Wholesale Distributors of Ethical Specialities and Proprietary Medicines

*Regular van deliveries cover the West of England* ● *Return of post service for urgent items*

**EVANS, GADD & CO., LTD., EXETER**

*Telephone:* Exeter 71311 *Telegrams:* Gadd, Exeter

Established 1790

SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

**KEARSLEY'S**

THE ORIGINAL

**WIDOW WELCH'S FEMALE PILLS**

Over 10d BOX PROFIT by ordering 1 dozen 4/3 size. Bonus given on every dozen (13) It pays to push this size.

Established 1787 in the Reign of King George III

**C. & G. KEARSLEY LTD.**
71 DARTMOUTH ROAD, LONDON, S.E.23

# ITONA SUGAR CANE MOLASSES

**packed in glass jars for convenience and better protection**

available in various sizes SELLING AGENTS

**Jeffreys, Miller and Co Limited**

Leyland Mills Wigan
also at 19-25 Brookside Road Upper Holloway London N19

# HERE'S A BIG SCHEME TO BRING YOU EXTRA SALES

## — ON ALL FLASH EQUIPMENT

These four shots are taken from the new series of lively "Photoflux" advertisements which will be appearing in *all* the principal amateur photographic magazines. Each advertisement will feature a photograph and explain the way 'flash' was used in taking it.

These advertisements—fascinating and informative — will sell flash photography as it has never been sold before! By night or by day, with colour or with black and white, in summer or in winter, there is always a use for 'flash' — that's the story that will be told and that's the story that will fascinate thousands of photographers.

*You stand to gain in a big way from this publicity.* Not only from increased sales of "Photoflux" flashbulbs, but from extra sales of *all* kinds of flash equipment — as well as increased D & P trade. So make sure your window and counter shows quite clearly that you stock "Photoflux" flashbulbs — especially the new PF 1 *Capless* bulb.

*Flash and the sun*

*Flash and colour*

*Flash in the home*

*Flash at play*

**Blue Safety Spot: To ensure dependability and consistent results, every "Photoflux" flashbulb incorporates the blue spot, invented and developed by Philips.**

**PHILIPS**

**"PHOTOFLUX" FLASHBULBS**

*(Made in Holland)*

*for* **"Perfection in a Flash"**

**PHILIPS ELECTRICAL LTD., LIGHTING DIVISION, CENTURY HOUSE, SHAFTESBURY AVENUE, LONDON, W.C.2**

"PHOTOLITA" PHOTOFLOOD LAMPS · DARKROOM SAFELIGHT BULBS · PHOTOCRESCENTA ENLARGER LAMPS AND PROJECTOR LAMPS

(PP803)

By Appointment to H.M. The Queen Manufacturers of Vacuum Vessels

**THERMOS = 40 × PROFIT**

A CHOICE OF 40 MODELS

*Flasks · Jugs · Jars*

*Bowls · Dewar Vessels*

**Thermos (1925) Limited · Seymour Rd., London, E.10**

Phone: *Leytonstone 4061-4* Cables: *Thermos, London*

---

SANCTIONED ON N.H.S. PRESCRIPTIONS (FORM E.C.10)

# EPHAZONE
## tablets

*The rational, symptomatic remedy for bronchial spasm in*

**ASTHMA & BRONCHITIS**

CONTAINING IN EACH TABLET:
Ephedrine ¼ grain
Theobromine ½ grain
Phenazone 1 grain
Calcium gluconate ¼ grain.

*This preparation is not advertised to the general public.*

**EPHAZONE LTD** 59 BROOK STREET, LONDON, W.1.
Telephone: MAYfair 5496.

---

## *A Good Product and Good Seller*

**for COLDS, CATARRH AND INFLUENZA**

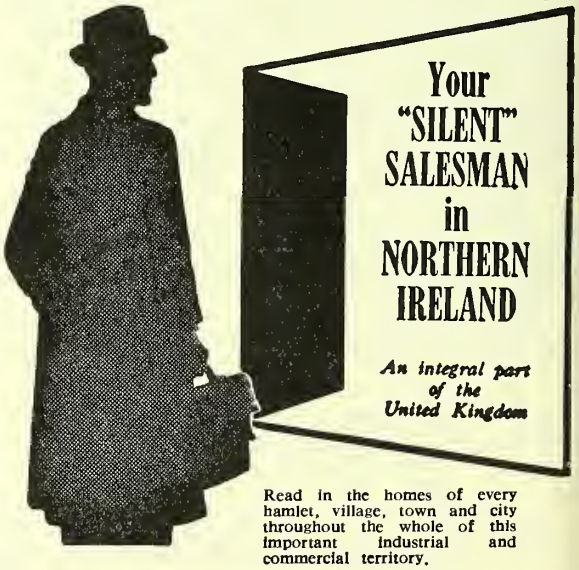
**Showing excellent profit to the Chemist**

PRICE 1/6 per bottle
To Chemists 9/- per dozen
plus 2/9 per dozen
purchase tax.

*Obtainable from your wholesaler or direct from:*

**SPENCER & COMPANY**
**66 WHITEHALL PARK ROAD, CHISWICK, W.4**
Phone: CHISWICK 2121

---




Read in the homes of every hamlet, village, town and city throughout the whole of this important industrial and commercial territory.

**Belfast Telegraph**

HEAD OFFICE: ROYAL AVENUE, BELFAST. LONDON OFFICE: 112 FLEET STREET, E.C.4

THE NEWSPAPER WITH THE LARGEST CIRCULATION IN NORTHERN IRELAND

# Lilia Ltd announce

# the new LILAIN

## COTTONWOOL TYPE TOWEL

## with new comfort for women

| | |
|---|---|
| 1 **KNITTED** art silk cover. | SOFTER SMOOTHER |
| 2 **FLEECY** white cottonwool for comfort, super-absorbent cellulose wadding, 'grey' wool safety-back. | DEEPER SAFER |
| 3 **SHAPED** for comfort and freedom from chafing. | EXTRA COMFORT |
| 4 **RIBBED** back for added strength, prevents towel twisting. | STRONGER |
| 5 **SEWN** loops for security. | MORE SECURE |
| 6 **GREY** and maroon pack with easy tear-off label makes a good dispenser display. | PACK APPEAL |

## AT NEW LOWER PRICES

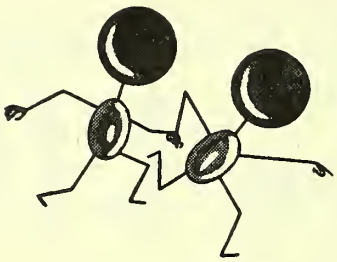
**1/10 for 12 size 0**
**2/1 for 12 size 1**
**2/6 for 12 size 2**
**3/- for 12 size 3**

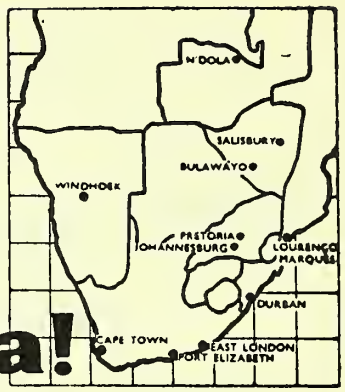
also in small pack of five 1/-

**CLEAR YOUR OLD STOCK NOW!**

A LILIA PRODUCT

**Let us put you on the map in**






# Southern Africa!

The combined purchasing power of Southern Africa's two and a half million whites and over thirty million Africans makes this territory a land of opportunity for the owners of proprietary products. To overseas manufacturers, we can offer the benefit of extensive on-the-spot experience and unequalled assistance in manufacturing, distributing and merchandising in these territories.

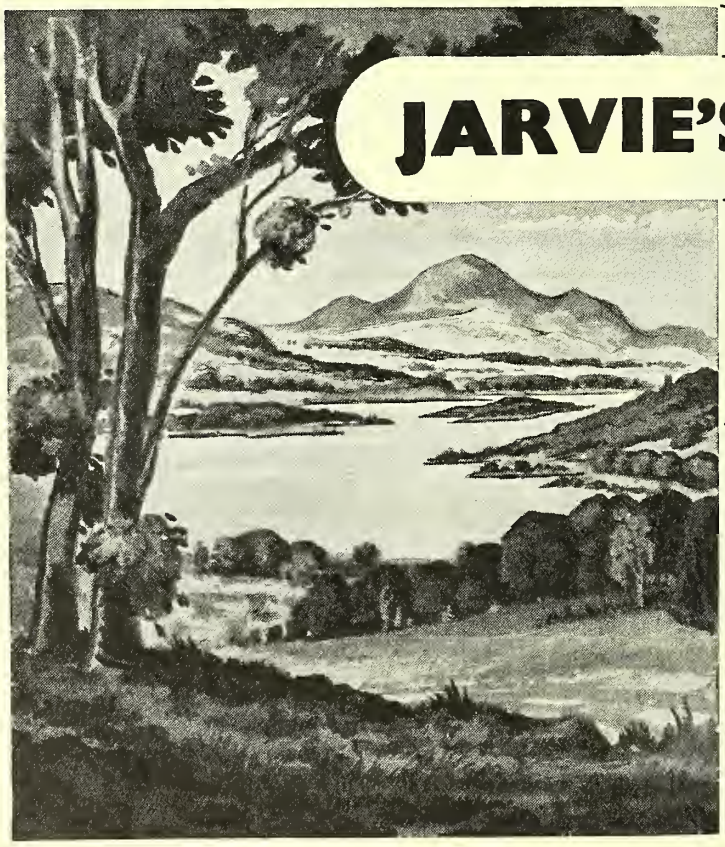
**Customers' own material processed into**

**COATED PILLS; TABLETS; PASTES; OINTMENTS; POWDERS, ETC.**

**THERAPION (PTY.) LTD.** *Manufacturing Chemists*

*THIRTEENTH ROAD, KEW, JOHANNESBURG, TRANSVAAL, SOUTH AFRICA*
*P.O. Box 70 BRAMLEY*

Chairman:
W. J. ROGERS, Ph.G.
Managing Director
D. BOSWELL, Ph.C.
A. E. ROGERS,
P. A. BERRILL, C. G. KERR,
L. F. CRAIG,
A. E. GOODMAN



# JARVIE'S QUININE

Only the clear waters of Scottish Lochs are used in the crystallization of Jarvie's Quinine Salts

*ALL ENQUIRIES TO:—*

**H. JARVIE & Co. Ltd.**

SCOTIA CHEMICAL WORKS
COATBRIDGE
SCOTLAND

*There's no 'off-season' for*

**BOX'S**

INDIGESTION PILLS

*The Old Established*

*Family Remedy*

P.A.T.A. Retail Prices:

1/5, 3/5, 5/8, 13/9, 25/- (incl. tax)

W. H. BOX, 47 COBOURG STREET, PLYMOUTH

**GOOD NEWS for DIABETICS!**

and a good new selling line for Pharmacists we introduce our sugar free pastille

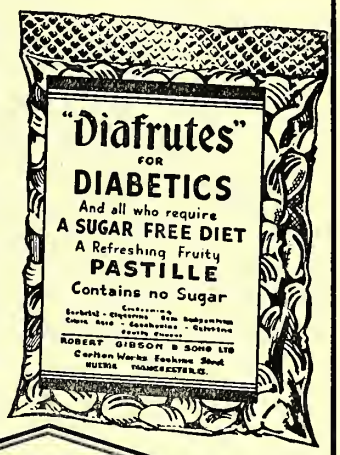
**'Diafrutes'**

a refreshing, fruity pastille for diabetics and all who require a sugar free diet.

Packed in ¼ lbs. to retail at 2/- per packet.

*Also supplied in bulk.*

Pastilles:
Gees Linctus, Glycerine and Blackcurrant, Catarrh.
L. L. & C. Lozenges.




ROBERT
**GIBSON**
& SONS LTD

MANCHESTER & LONDON

*for fine chemicals especially:*

ASPIRIN B.P. "FRE-FLO"

SALICYLIC ACID B.P. & TECH.

SODIUM SALICYLATE B.P.

SALOL B.P.C.

VANILLIN 100%

**H. W. GRAESSER-THOMAS LIMITED**

49 LEADENHALL STREET,
LONDON E.C.3

TELEPHONES: ROYAL 3011-6111

HOME TRADE — JKL — EXPORT

**WILD CHERRY BARK**

**SENEGA**

**HYDRASTIS**

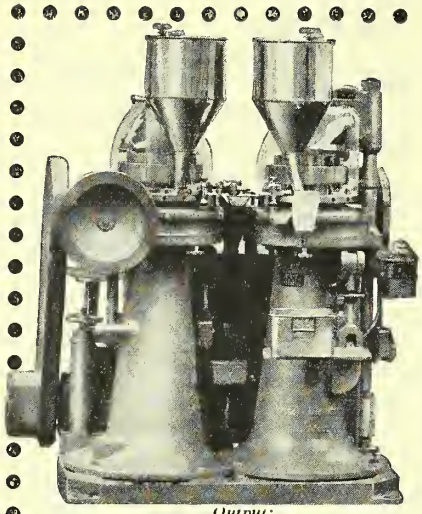
and all other Botanicals, Gums, Waxes, Essential Oils and Spices

**JOHN KELLYS (LONDON) LTD.**

24 OLD BROAD STREET, E.C.2

*Telephone: LONdon Wall 6585 (4 lines)*
*Telegrams: "Ergotine, Stock, London"*

NEW YORK · HAMBURG



*Output:*
*Coated Tablets:* 10,000/20,000 *per hour*
*Uncoated Tablets:* 20,000/40,000 *per hour*
*Max. diameter coated tablets* $\frac{13}{16}$ *in.*
*Variable Speed Drive 2-h.p. motor*
*Self-contained dust extraction unit*

WE ARE EXHIBITING AT THE
**B.I.F. OLYMPIA**
April 23rd to May 4th

MANESTY

# DRYCOTA

*(Patents Pending)*

**COMBINED TABLET MAKING AND COMPRESSION COATING MACHINE**
***for CONTINUOUS PRODUCTION***

**POSITIVE FEEDING · EXACT CENTRING · CONTROLLED PRESSURE**

Since the Manesty DryCota was first introduced it has gone from success to success and wherever it has been shown at exhibitions or private demonstrations it has produced perfectly centred evenly coated tablets.

Due to the special transfer mechanism there are no difficult adjustments to make or maintain and no necessity for cores to be made hard to withstand handling—this ensures perfect bonding between core and coating and better control over disintegration.

Orders have been received for the DryCota from Great Britain, U.S.A., France, Italy, Holland, Denmark, Switzerland, Egypt, India, Finland, and Australia and enthusiastic reports from users are now coming in.

**The Manesty DryCota has been selected for exhibition at the B.I.F. Birmingham, by the Department of Scientific and Industrial Research as one of the most outstanding machines of the year.**

***You must know this Machine*** · ***Full details on request***

**MANESTY MACHINES LIMITED**

**5 EVANS ROAD, SPEKE, LIVERPOOL 19** *Telephone: Hunts Cross 1972. Telegrams: Manesty, Liverpool 19*

**TABLET MACHINES • MIXERS • GRANULATORS • COATING PANS • AUTOMATIC WATER STILLS**



# NUCTA CREAM SHAMPOO

**has proved an attractive selling line**

Delightfully perfumed and with exceptional lathering and cleansing power.
Available also with Egg and Lemon.

**IN 2 OZ. SIZE FOR HOME USE**

**Selling at 2/7½** (17/6 per doz. plus tax)

*OBTAINABLE FROM YOUR USUAL WHOLESALER*

MANUFACTURED BY

**STEWART, GOODALL & DUNLOP LTD.**

121A PRINCES STREET — EDINBURGH

The CHEMIST AND DRUGGIST
CLASSIFIED ADVERTISEMENTS
Supplement
28 ESSEX STREET, STRAND, LONDON, W.C.2

ORRIDGE & COMPANY 184 STRAND, W.C.2
Tel.: TEMple Bar 9212/3 & 6340
CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL
BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF
Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel: Belfast 27078

## PREMISES FOR SALE

**7/6 for 36 words (min.) then 4d. per word Box 2/-**

**)FFERS** invited for leases of three new shops n Council estate of 900 houses for trades of hemist, ironmonger, and butcher. Living ccommodation available. Particulars from own Clerk, Town Hall, Burnley, Lancashire. C 9915

## PREMISES TO LET

**HURROCK URBAN DISTRICT COUNCIL.** lew Shop to Let. Offers of annual rent are ivited for a 21 year lease (with mutual options break at 7 or 14 years) of one shop in a block f five on the Council's housing estate at Southend oad, Corringham, Essex, from Chemists. Maisonette above normally available to lessee. Further xtensive development in locality anticipated. Full articulars and forms on which offers should be ubmitted may be obtained from the Clerk of the ouncil, Council Offices, Whitehall Lane, Grays, ssex. Offers must be received by noon on the h April, 1956. C9866

## BUSINESSES FOR DISPOSAL

**IRMINGHAM.** Extremely busy main road arket position, manufacturing chemists and eneral importer's business, excellent clientele, tail shop, 10 years lease, low rental and good asehold warehouse. Average turnover over 20,000, could be considerably improved. Imediate possession, owner retiring. Particulars of tevens, Champion & Slater, Valuers, 71 Temple ow, Birmingham, MIDland 1942-3. C9879

**OURNEMOUTH.** Pharmaceutical Chemist. Iultiple position with four-bedroomed living ccommodation. New Lease. Moderate rent. urnover in the region of £10,000 per annum. udited accounts. Price £3,500 S.A.V. Sole gents Court & Bleakley, 58-62, Commercial Road, ournemouth. Telephone: 6097-8. C3445

**ORDER BURGH.** Flourishing business in rosperous and growing district; property, stock, nd goodwill; good dispensing business; house ay be available; certified Accounts. Write: ox 4970, Robertson & Scott, 42 Charlotte Square, dinburgh 2. C9801

**RUG STORES FOR SALE,** London, S.E. ormerly old-established pharmacy. Main oad, bus stop, near doctor's surgery. Lease an be arranged. Living quarters above shop. resent demand for N.H.S. £500. Stock and ttings included. Box C 3493.

**.A.T.A. DRUG STORE,** market street, mulple position, 14 years. £225/£250. Take £5,600 ncreasing. Lease, goodwill, fixtures and fittings, 1,250, s.a.v. £2,000. Flat may be available. ox C 3490.

## BUSINESSES WANTED

**MALL PHARMACEUTICAL WORKS** reuired, preferably near London, with space for xpansion. Write with full details to Box 3433.

## APPOINTMENTS

**8/- per half inch (min.) and pro rata. Box 2/-**

**BUCKLAND HOSPITAL, DOVER.** SSISTANT IN DISPENSING required at the uckland Hospital, Dover, for the period 25th une to the 21st July, 1956, for holiday duty. alary in accordance with National Scales. Applications in writing to the Hospital Secretary. C9891

**BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS.** PHARMACIST. Applications are invited for the post of Pharmacist in the new Pharmacy Department of this Hospital (Category V). Salary £500 plus £25 (3)—£575 plus £30 (5)—£725 per annum, exclusive of higher qualification allowance and London Weighting. Commencing rate dependent on experience. Applications stating age, qualifications and experience, with names of two referees to be sent to Hospital Secretary. C9682

**BURY & ROSSENDALE HOSPITAL MANAGEMENT COMMITTEE.** Fairfield General Hospital, Bury. PHARMACIST required at the above Hospital. Salary £500, rising by annual increments to a maximum of £725. Apply, stating age, qualifications and experience, together with names of two referees, to H. Wilkinson, Group Secretary, Bury General Hospital, Bury, Lancs. C9892

**CHASE FARM HOSPITAL, THE RIDGEWAY, ENFIELD.** PART-TIME PHARMACIST required for 5 sessions per week, for work within the Group. Salary 31s. per session of 4 hours. Apply: Group Secretary, Chase Farm Hospital, The Ridgeway, Enfield, stating names and addresses of two referees. C9897

**COUNTY HOSPITAL, LINCOLN.** ASSISTANT IN DISPENSING (Apothecaries' Hall Certificate) required for interesting work in pleasant department. Whitley Council Scale. Apply: Secretary, County Hospital, Lincoln. C9890

**ENFIELD GROUP HOSPITAL MANAGEMENT COMMITTEE.** SENIOR PHARMACIST required for duties within the Group. Salary scale £575—£775 per annum. Applications giving names and addresses of two referees and full particulars of experience, to the Group Secretary, Chase Farm Hospital, The Ridgeway, Enfield, Middlesex. C9896

**KING EDWARD VII HOSPITAL, WINDSOR.** PHARMACIST required at King Edward VII Hospital, Windsor (Category III Hospital). Whitley Salary. Applications, giving details of service with names of three referees to Hospital Secretary. C9833

**LAMBETH HOSPITAL, BROOK DRIVE, S.E.11.** (Acute General Hospital, 510 beds). Applications are invited for the posts of PHARMACIST and SENIOR PHARMACIST. Salary (plus London Weighting) and conditions of service in accordance with Whitley Council recommendations. Applications, stating age, experience, qualifications and names of two referees to the Secretary. C248

**MID HERTS GROUP HOSPITAL MANAGEMENT COMMITTEE.** LOCUM TENENS PHARMACIST required immediately. Salary £15 15s. 0d. per week. Applications to Chief Pharmacist, St. Albans City Hospital, Normandy Road, St. Albans, Herts. Tel: St. Albans 2211. C9771

**NEWMARKET GENERAL HOSPITAL, SUFFOLK.** ASSISTANT IN DISPENSING. Applicants should hold the certificate of the Society of Apothecaries. Salary in accordance with Whitley Council Scale. Applications, stating age, experience, qualifications and the names of two referees to the Medical Superintendent. C9792

**THE BOARD OF GOVERNORS, THE HAMMERSMITH, WEST LONDON & ST. MARK'S HOSPITALS.** Hammersmith Hospital & Post-graduate Medical School. SENIOR PHARMACIST required at the above general postgraduate teaching hospital to supervise sterile products laboratory and take part in the general work of the Pharmaceutical Dept. Whitley salary scale and conditions. Detailed applications, names two referees to Secretary, Hammersmith Hospital & Postgraduate Medical School, Du Cane Road, W.12, within 10 days. C9794

**NORTH-WEST DURHAM HOSPITAL MANAGEMENT COMMITTEE. SHOTLEY BRIDGE GENERAL HOSPITAL, CO. DURHAM.** DEPUTY CHIEF PHARMACIST. Category IV. Applications are invited from registered pharmacists for the above appointment. Department equipped with facilities for manufacturing and sterile work. Salary £625 by annual increments to £850. Post resident or non-resident. Applications, giving details of age, qualifications and experience together with names of two referees, to the Group Secretary, Shotley Bridge General Hospital, Shotley Bridge, Consett, Co. Durham, immediately. C9783

**ROYAL FREE HOSPITAL.** ASSISTANT-IN-DISPENSING. Applications are invited for the post of Assistant-in-Dispensing. Salary in accordance with Whitley Council Scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C9762

**ROYAL FREE HOSPITAL.** PHARMACIST. Applications are invited for the post of Pharmacist at this hospital. Salary in accordance with Whitley Council Scale. Applications, with names of two referees, should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.1. C9763

**SHEFFIELD NO. 1 HOSPITAL MANAGEMENT COMMITTEE.** Applications are invited for the appointment of PHARMACIST at the City General Hospital. Salary scale £500 plus £25 (3)—£575 plus £30 (5)—£725. Apply, giving full details of age, qualifications, experience, etc., and the names of two persons for reference to the undersigned at Nether Edge Hospital, Sheffield 11. W. Stansfield, Secretary. C9834

**THE ROYAL HOSPITAL, WOLVERHAMPTON.** DEPUTY CHIEF PHARMACIST (Category 5). This post offers scope to a young Pharmacist to acquire experience in the administration of a Department which serves a group of Hospitals, totalling 851 Beds. Salary Scale £675 plus £30 (7)—£885 plus 40 (1)—£925 p.a. Applications to Secretary. C9898

**WEST MIDDLESEX HOSPITAL, ISLEWORTH.** (Category V). PHARMACIST required. Salary scale £500 to £725 plus London Weighting. Higher qualifications allowance £25 per annum. Whitley Conditions applicable. Applications, stating age, qualifications and experience with names of two referees to Chief Pharmacist. C9893

**YORK "A" AND TADCASTER H.M.C.** DEPUTY CHIEF PHARMACIST (IV) required for COUNTY HOSPITAL, YORK. Salary £625 plus £30 (7) plus £15 (1) to £850 p.a. plus £25 p.a. higher Qualification Allowance, e.g., F.P.S., A.R.I.C. Applications, stating age, qualifications, experience and names of two referees to Group Secretary, Bootham Park, York. C9836

**READING AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE**
**Pharmacist**
for Royal Berkshire Hospital, Reading (Category V). Facilities for experience in all branches of pharmacy in enlarged department with full supporting staff. Apply Group Pharmacist at above Hospital. C 9865

**ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1**
**Pharmacist**
Vacancy exists Pleasant new accommodation available for woman pharmacist in W.1, district of London at economic rental. Write the Chief Pharmacist. C 9871

## INCREASE YOUR OUTPUT

MANUFACTURING CHEMISTS, established 1924, with modern factory in Middlesex offer their facilities for processing and packing PHARMACEUTICAL, MEDICAL, COSMETIC, FOOD and ALLIED PRODUCTS. The Company has long experience in high-grade tabletting and other trade processing for leading houses in these industries. Raw materials supplied if required; laboratory control; all work undertaken in strict confidence by experienced personnel. Well equipped for long-term contracts. Box C 244.

## BERDOE & FISH

*Chemists' Transfer Agents and Valuers*

41 ARGYLE SQUARE, KING'S CROSS, W.C.1
(opposite St. Pancras and King's Cross Stations)

**Wanted immediately good class businesses in London, Home Counties and South Coast. Private clients waiting with cash up to £10,000.**

● All Valuations and Stocktakings, carried out under personal supervision of principals.

Established 1870 Phone: TERminus 3574


## SITUATIONS VACANT

12/- for 36 words (min.) then 4d. per word
Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

### HAREFIELD HOSPITAL, HAREFIELD, MIDDLESEX

**Assistant in Dispensing**

required. Salary according to age and experience on scale rising to £495 p.a. (this includes London Weighting), with additional £20 p.a. if holding approved qualification. Applications, giving age, qualifications and experience together with two testimonials to the Medical Director. C 9846

### MILLER GENERAL HOSPITAL (180 Beds), GREENWICH, S.E.10

**Pharmaceutical Student**

(Post-graduate), male or female, required for duties in well-equipped department, at above hospital. Salary £350 p.a. plus London Weighting. Accommodation might be available if desired. Apply Secretary, G. & D./H.M.C., St. Alfege's Hospital, Greenwich, S.E.10. C 9909

### ORPINGTON HOSPITAL, ORPINGTON, KENT

**Pharmacist**

(Category IV) required. Salary scale £500-£725 p.a. and London Weighting. Post now vacant (full supporting staff), well-equipped department in a busy acute General Hospital of 813 beds. Inspection of department may be made by arrangement. Applications to Physician Superintendent. C 9845

### ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1

**Locum Pharmacist**

Vacancies exist. Salary at rate £15 15s. per week. Applications in writing giving details, to Chief Pharmacist. C 9872

### ST. PETER'S HOSPITAL, CHERTSEY, SURREY (404 Beds)

**Pharmacist**

required. Salary £500-£725 p.a. according to experience. Whitley Council conditions. Accommodation available for single women at £135 p.a. Applications, stating age and experience, with names of two referees, to Hospital Secretary. C 9857

### THE BETHLEM ROYAL HOSPITAL AND THE MAUDSLEY HOSPITAL

**Senior Pharmacist and Pharmacist**

(Post-graduate Teaching Hospital for mental and nervous disorders) with which is associated the Institute of Psychiatry, University of London. Senior Pharmacist and Pharmacist required at the Maudsley Hospital. Whitley Council salary scales, for the senior grade £575 rising to £775 a year, and for the other grade £500 rising to £725 a year, plus in each case London Weighting according to age, from £10 to £30 a year. The point of entry into the scales of pay will be determined by length of previous service. Extra payment of £25 for higher qualification. For form of application refer to K. J. Johnson, House Governor and Secretary, Maudsley Hospital, Denmark Hill, London, S.E.5. C 9917

### THE ROYAL INFIRMARY, BRADFORD (Category V Hospital)

**Pharmacist**
**Locum Pharmacist**

required. Salary in accordance with Whitley Council decisions. Applications, stating age, experience and names of two referees, to the Secretary, The Royal Infirmary, Bradford. Locum Pharmacist required immediately. Salary £14 14s. per week. Applications, stating age, qualifications and experience, to the Secretary. C 9773

## RETAIL (HOME)

**SUPERINTENDENT PHARMACIST.** Permanent position. N.U.C.O. Scale and conditions. Wage over £1,000 p.a. with additional rota payments. Housing, applicants' own responsibility. Applications, stating age and experience, to the Secretary, West Stanley Co-operative Society, Ltd., Front Street, Stanley, Co. Durham. C254

**LONDON, SOUTH-EAST.** Unusual vacancy arises, in small multiple company, to take full charge of busy pharmacy in main shopping position. An excellent salary will be paid, commensurate with the position, to a man who is used to staff control, and is able to take full advantage of busy passing trade. First-class toilet agencies. Superannuation scheme. Please give all details, which will be treated in the strictest confidence, of age, previous experience, etc., to Box C3463.

**PHARMACIST** to start as assistant. Either sex. Suit younger person. Permanency with excellent prospects. Private pharmacy. Accommodation. Hayward, 155 Oxford Road, Reading. C3473

**UNQUALIFIED ASSISTANT.** Dispensing and Counter. London, S.E.5. Full or part-time, by arrangement. Congenial family business on main bus routes. Box C3471.

**SCOTLAND: CHEMIST.** Experienced lady or gentleman required as branch manager in Burnbank, Lanarkshire. Adequate supporting staff and good conditions. An excellent salary will be paid with entry to Superannuation Scheme after initial period of service. Applications in writing stating age, experience, and when available for interview, to:—Mr. G. M. Archibald, S.C.W.S., Ltd., Retail Drug Dept., 187 Bogmoor Road, Shieldhall, Glasgow. C3476

**DISPENSER/RECEPTIONIST** required for firm of doctors, Northamptonshire. Hall or unqualified with dispensing experience. Please state age, experience and salary required. Box C 3434.

**ISLE OF MAN,** season assistant, unqualified, lady or gentleman, young, energetic. Counter duties, light dispensing, and some knowledge of photographic State salary and references. Frank Purcell, Photographic chemist, 97 Strand Street, Douglas, Isle of Man. C 3487

**EXPERIENCED LADY ASSISTANT** required in family-type business for counter and general duties. Some dispensing knowledge and interest in amateur photography preferred. Forty-hour week. Two weeks paid annual holiday first year, afterwards three weeks annually. W. S. Coleman, M.P.S., Fetcham Pharmacy, Fetcham, Leatherhead. C 3480

**ATTRACTIVE VACANCY,** Five Ways, Birmingham, to manage a high-class establishment. Considerable private and National Health dispensing with most of the important and exclusive toilet agencies. Every assistance will be given with accommodation. The terms are generous, and there will be three weeks annual holiday. Apply to A. Platts, Esq., M.P.S., Superintendent, Eardley & Furnival, Ltd., 265 Glossop Road, Sheffield, 10. C 3446

**LEEDS:** Experienced pharmacist (male or female) required to manage easily workable branch at Alwoodley. Previous managerial experience essential. Please state age, previous experience and when available for interview. Applications to Superintendent Chemist, Leeds Industrial Co-operative Society, Ltd., Pharmacy, 6 Albion Street, Leeds, 1. C 3481

**CORNWALL. PHARMACIST REQUIRED** by private limited company to manage high-class family business with adequate supporting staff. Apply, with usual particulars in first instance, to the Secretary, R. R. Bastion (Chemists), Ltd., Belmont, Green Lane, Redruth. Tel.: 185. C 3479

**NORTH LONDON.** Unqualified assistant required chiefly for dispensing for branch near the Angel, Edmonton. Permanency. Hours 9 a.m. to 6 p.m. Thursday 1 p.m. Salary according to age and experience. Three weeks holiday a year. Apply to A. R. Cross, Ltd., 476 Hertford Road, Enfield, or telephone Howard 1723 or 2916. C 9916

**ILFORD.** Branch Manager Pharmacist required for busy shop and good dispensing connection. Excellent opportunity for ambitious man to earn substantial salary and bonus. Good supporting staff and modern equipped dispensary, etc. Permanency with superannuation benefits. Accommodation available if required. Apply with full details stating when available for interview to Box C 3491.

**WOODFORD.** Pharmacy manager required to manage a good-class establishment in this area. Splendid opportunity for promotion. There is a good supporting staff and development is assured. Flat accommodation can be provided if desired. Applications in first instance to Box C 3492.

**WOLVERHAMPTON.** Pharmacist - Director (Managing) required for very substantial and developing business; the position should prove a lucrative one for an applicant possessed of organising ability, able to control staff and preferably with previous experience of the cine and photographic business; a personal interest by way of share investment will also be considered if desired at a later stage. All replies treated in strict confidence. Box C 253.

**WEST CORNWALL.** Young qualified assistant wanted immediately for large busy pharmacy. Northern Ireland (Catholic) considered. Keenan, Central Pharmacy, Camborne. C 3489

**KINGSBURY.** Excellent opportunity for Pharmacist to manage family-type business in pleasant district. Good salary and commission. Nicely fitted shop with adequate supporting staff. Attractive flat available if desired. Apply with full details stating when available for interview to Box C 3449.

**BURNT OAK.** Branch Manager pharmacist required for busy shop and good dispensing connection. Excellent opportunity for ambitious man to earn substantial salary and bonus. Good supporting staff and modern equipped dispensary, etc. Permanency with superannuation benefits. Accommodation available if required. Apply with full details stating when available for interview to Box C 3450.

**NORTHERN IRELAND PHARMACIST** seeks manager for new branch opening shortly near Rainham, Essex. Modern maisonette flat rent free. Good staff. Interview in Belfast, March 30 to April 1 inclusive. Phone L. L. Herbert, Belfast 44987 for details. C 3494.

## LOCUMS WANTED

**LOCUM TENENTES PHARMACISTS** are required for an extended tour of duties in the London and suburban districts. Permanency at conclusion of tour if desired. Hours 9 a.m. to 6 p.m. Paid holiday. Salary and expenses basis. Applications to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 3451

***Situations Vacant—Continued***

## RETAIL (OVERSEAS)

**LADY CHEMIST REQUIRED** for pharmacy in city in S. Rhodesia, must be capable of taking charge when required. Excellent prospects. Commencing salary £85 per month. Passage paid out. Reply Box C 3441.

## WHOLESALE

**PARKE, DAVIS & CO., LTD.,** invite applications from pharmacists, up to 35 years of age for a junior executive position in the Home Sales Department. Previous experience not essential as the successful applicant will receive a thorough training in general sales procedure. An excellent opportunity for a man interested in making a career with an efficient sales organisation. Facilities include Staff Restaurant, five-day week, Generous pension plan. Applications should be addressed to Home Sales Manager, Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex. C 9908

**TWO UNQUALIFIED ASSISTANTS** required by old-established pharmaceutical house to train as Medical Representatives for areas (a) North Midlands; (b) Scotland and Northern England. Age about 30. Generous expense allowance and car provided. Salary will be commensurate with experience. Apply in writing to the Home Sales Manager, S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet. C 9907

**MEDICAL REPRESENTATIVE** required for the London area. Preference given to applicant with good pharmaceutical background, personality and enthusiasm. Representative is to visit doctors and hospitals, as well as pharmacies. Good salary, liberal expenses, as well as a congenial and stable situation are offered. Applications with photograph, giving full particulars of age, qualifications, experience and salary required to Box C 9843.

**FOLLOWING A STAFF PROMOTION** a vacancy for a person (preferably a male) with a pharmaceutical qualification, has occurred in the department manufacturing injections and other sterile products. The post provides an excellent opportunity for someone wishing to pursue a career in industry. Applications should be made in writing giving details of age, qualifications, etc., to Ref. HGR-HAC, The Personnel Manager, The British Drug Houses, Ltd., Graham Street, London, N.1. C 9868

**MANUFACTURING CHEMISTS** in Lancashire require the services of (a) Pharmacist to directly supervise manufacture and packaging. Applicants should have a minimum 2-3 years' practical experience after qualifying of the manufacture of tablets, ointments, and sterile work. This post provides an opportunity to broaden one's knowledge of pharmaceutical manufacturing alongside work study and costing procedures. (b) Tablet Maker of "improver" standard. Minimum 2 years' experience. Details of experience and salary required should be forwarded to the Manager, Box C 9844.

**MEDICAL REPRESENTATIVES.** Due to business expansion Sandoz Products, Ltd., invite applications from young men for the appointment of medical representative in the following areas:—(a) Cambridgeshire, Huntingdonshire, Norfolk and Suffolk; (b) South Wales, including South Welsh counties and Monmouthshire; (c) Oxfordshire, Berkshire, Buckinghamshire, Northamptonshire and Wiltshire; (d) Glasgow, and North-west Scotland. Attractive salary. Superannuation scheme in operation. Thorough training given. Age not exceeding 32. Applicants should be pharmacists (preferably F.P.S.). Please send full details of age, education, qualifications and experience with photograph (which will be returned) to Staff Manager, Sandoz Products, Ltd., 134 Wigmore Street, London, W.1. C 9827

**RIKER LABORATORIES, LTD.,** have a vacancy for a representative for a Yorkshire territory. A pharmaceutical qualification is desirable, but consideration will be given to other suitable qualified persons. A company car is provided and remuneration is by salary, expenses and bonus. There is a company pensions' scheme in operation. Previous experience is not essential as full training will be given. Apply in writing in the first instance to Sales Department, Morley Street, Loughborough, marking the envelope "Medical Representative." C 9828

**WELL-KNOWN MANUFACTURERS** of nationally advertised proprietaries require part-time representatives to call upon chemists on a good commission basis. Territories vacant centre on Devon/Northumberland/S. Wales/Yorks. All other areas covered. Box C 9854.

**WELL-KNOWN** imitation jewellery house requires experienced representative visiting chemists a.s.o. with additional line, on commission basis. Box C 9851.

**EXPERIENCED REPRESENTATIVES** required all areas with good live connections calling on retail chemists, stores, etc.; to carry entirely new and well-introduced product selling throughout the year. Full advertising support. Best commission rates offered. Write full details to Silmor Distributing Co., 34 Caledonian Road, London, N.1. Tel.: Ter. 0866 or Mai. 8159. C 9766

**FACTORY MANAGER** with ambition, drive and successful record required to take charge of rubber works. Applicants must be experienced in modern mass-production methods, but process knowledge not essential. Good salary; pension scheme; 5-day week. Lewis Woolf, Ltd., 144 Oakfield Road, Birmingham, 29. C 9853

**A LARGE FIRM** of manufacturing chemists require the services of a qualified chemist age 30/35, with manufacturing experience. Excellent prospects. Apply, giving age, details of experience and salary required to Box C 9913.

**REPRESENTATIVE REQUIRED** for London and Home Counties, calling on hospitals and wholesalers. Remuneration by salary and expenses, car provided. Applications, stating age, experience and full details of past employment, which will be treated in strictest confidence, to Managing Director, Edward Taylor, Ltd., Surgical Plaster Manufacturers, Monton, Eccles, Manchester. C 3485

**SOUTH LONDON MANUFACTURING CHEMISTS** require experienced counter-hands. Good wages and prospects. Apply Secretary, Box C 9911.

**BOTTLE SALESMAN WANTED.** Salesman/Representative required with previous experience in selling bottles, jars and screw caps. Write giving full particulars to Reliance Trading Company, 13 New College Parade, Finchley Road, London, N.W.3. C 9768

**ALLEN & HANBURYS, LTD.,** have a vacancy for a pharmacist with experience in the manufacture of galenicals and pharmaceutical specialities to fill an important post in their factory at Ware, Herts. The work is concerned with the production of a varied and interesting range of pharmaceutical products and offers opportunities for the employment of initiative and original ideas. The post is pensionable and a five-day week operates. Write giving details of age, qualifications and experience to Personnel Manager, Allen & Hanburys, Ltd., Ware, Herts. C 9906


**BURROUGHS WELLCOME & CO.**

# opportunities for **young pharmacists**

**Recently-qualified pharmacists** (or those hoping to qualify shortly) will be selected to train for executive positions in the Export side of the Company's operations. No previous experience is necessary but candidates should have general commercial aptitude and an interest in overseas affairs. Full training will be given. Opportunities for learning languages and for overseas travel will present themselves in suitable cases.

**More experienced pharmacists** are required as Medical Representatives in Lancashire, London, North Yorkshire and Northern Ireland. Applicants must possess a good educational background and wide pharmaceutical knowledge. Previous experience as a representative, while an advantage, is not essential.

**Younger pharmacists,** recently qualified, are invited to apply for training in the Home Sales Division (Medical). This will afford the opportunity of eventual appointment to the Medical Representative staff or other positions within the organisation.

A contributory Pension Scheme is in operation.

Applications, by letter only, will be treated in confidence. They should give full details of perience etc. and be addressed to

*Ref. MI/SL*
*Burroughs Wellcome & Co.*
*183-193, Euston Road*
*London, N.W.1*

### *Situations Vacant—Continued*

**C. J. HEWLETT & SON, LTD.,** require pharmacist for the Watford factory to take control of the analytical and bacteriological laboratories. Previous industrial experience essential. Five-day week. Pension scheme. Apply in writing to the Technical Director, C. J. Hewlett & Son, Ltd., King George's Avenue, Watford. C 9797

**PROCESS WORKERS** required by South London manufacturing chemists. Apply Secretary, Box C 9910.

**JOHN BELL, HILLS & LUCAS LTD.,** have a vacancy for a young pharmacist. The position offers interesting work requiring both administrative ability and technical knowledge. The prospects of promotion are good and a generous pension scheme is in operation. Please write, stating age and qualifications to the Managing Director, John Bell, Hills & Lucas Ltd., Oxford Works, Worsley Bridge Road, Lower Sydenham, S.E.26. C9885

**DISPENSING CHEMISTS** required by West London Factory and Laboratory food trade and light chemicals. Permanent, progressive. Five-day week. Box PP57438, Samson Clark, 57-61 Mortimer Street, London, W.1. C9887

**EXCELLENT OPPORTUNITY** for Youth leaving school and interested in Chemistry, as Assistant in West London Factory Laboratory. Permanent progressive position to suitable applicant. Five-day week. Good wages. Box PP J7432, Samson Clark, 57-61 Mortimer Street, London, W.1. C9888.

**FIRST-CLASS REMUNERATION** offered to first-class representative, having worthwhile connections with chemists and best grocers. Required for (1) Essex and East Anglia ; (2) S.E. London and N. Kent, by old-established company which supports its products by National advertising. Substantial salary, non-contributory Pension Scheme, expenses paid. Full details to Box C9895

**LEADING OLD-ESTABLISHED COMPANY** handling extensive range Fine Chemicals and Pharmaceuticals has vacancy for outside Representative covering United Kingdom. Previous experience an advantage. Reply, stating salary required, previous experience. Box C9809.

**BENGER LABORATORIES LTD.** have a vacancy for a Medical Representative in the South East London and Kent area. Applicants, who should have a good educational background, must have pharmaceutical or technical qualifications. Previous experience, although an advantage, is not essential, as the successful candidate will receive a thorough training. The position is permanent and progressive. Contributory Pension Scheme. A company car is provided and all expenses are paid. Full personal details, with summary of attainments and experience, should be sent in confidence to the Secretary, Benger Laboratories Limited, Holmes Chapel, Cheshire. C9883

**NORTH OF ENGLAND.** The advertisers, who are a firm marketing toilet preparations, require the services of two representatives with good connections with chemists, stores, wholesalers, etc., in the North of England. The territory will be split up as follows :—(1) Cumberland, Westmorland, Lancs., Cheshire and North Wales ; (2) Northumberland, Durham and Yorkshire. Consideration will be given to alternative splits for the right man. The position offered is one with scope and interest and remuneration is by salary, expenses and commission. Applicants must be car owners, and should write in the first instance, giving details of past experience, etc., direct to Box C9901.

**REQUIRED.** A qualified assistant lady chemist for food and drugs analysis in pleasant surroundings in Watford district. Five-day week, good canteen and recreational facilities, etc., Apply, giving all details and stating salary required to Box C9698.

**QUALIFIED CHEMIST, B.Sc., or A.R.I.C.,** with industrial laboratory experience, required by well-known Pharmaceutical Company in North London. Five-day week. Non-contributory Pension Scheme, Staff Canteen. Apply Personnel Manager, Box C9903.

**REPRESENTATIVE** with pharmaceutical background, to sell drugs and galenicals to chemists in the Birmingham area. Previous selling experience and connection in this area essential. Please send all relevant details of previous experience, etc., in confidence to Box C9873.

**SALES REPRESENTATIVES** required by ethical pharmaceutical manufacturers to call on chemists in the following areas :—Newcastle, Cardiff, Belfast, Manchester, Bristol. Application, with full details of age, experience and salary required, to be addressed to Roussel Laboratories, Ltd., 847, Harrow Road, London, N.W.10. C9877

**MEDICAL REPRESENTATIVE** required by ethical house to develop existing established connection in area centred on Southampton. Applicants should be resident in or near that city and have a good pharmaceutical background. Qualifications and experience not essential as a thorough training will be given. Salary, expenses and commission, permanent staff pension fund. Our staff know of this advertisement. Full details, in strict confidence, to Sales Director, Box C9889.

**MANUFACTURERS** of nationally advertised toilet soaps and cosmetics require experienced representative to call on chemists and perfumery departments in London and South East England. Salary and all expenses paid. Contributory pension scheme. Car provided. For details apply Box C3404.

**SALESMAN.** A leading Pharmaceutical Company invite applications for positions as Salesman to call on wholesale and retail chemists. There are vacancies in a number of territories. The essential qualifications are sales ability and enthusiasm. A knowledge of pharmaceutical products and the chemist trade is desirable. There is a non-contributory pension scheme in existence, and a car will be provided. Good starting salary and expenses. Applications showing age, qualifications, full details of experience and salary required to Box C9900.

**SALES MANAGER.** Rexall Drug Company Limited. Applications are invited for this interesting appointment, which comprises sales management in its widest meaning, including management of a sales force, preparation of advertising campaigns, etc. Salary will be appropriate to experience and ability and there are real prospects of enhanced remuneration and responsibility. There is a Pension Scheme in operation and a Company car will be provided. Applicants, preferably aged between 35 and 45, should write, giving full details of their experience to the Chairman, Rexall Drug Company, Limited, Loughborough, Leicestershire, marking the envelope " Confidential." C9899

**T. & H. SMITH LTD.** offer an opportunity to a Pharmacist to undertake interesting work in Pharmaceutical formulation and development. Salary will be commensurate with age and experience ; a superannuation and insurance scheme is in operation. Apply in writing to Messrs. T. & H. Smith, Ltd., Wheatfield Road, Edinburgh 11, marking letter " Research." C9894

**SOUTH COAST.** An internationally known firm manufacturing toilet preparations require the services of a Representative with good connections chemists, hairdressers and stores in the South Coast counties. Large scale national advertising backs the preparations marketed and remuneration is by salary, expenses and commission. The position offered is one that gives scope for a man with initiative. Applicants must be car owners. Write in the first instance, giving details of past experience, etc., to Box C9902.

**WARD, BLENKINSOP & CO. LTD.** require a Veterinary representative, based on Bristol, to cover the West Country and Wales. Applicants, preferably with previous experience of veterinary representation, should send full details of their careers to the Manager, Veterinary Department, York House, 37 Queen Square, London, W.C.1. C3470

## AGENTS WANTED

**17/6 for 36 words (min.) then 4d. per word Box 2/-**

**AGENTS REQUIRED** to sell the nationally advertised Roxy Bathing Cap in the following areas : Yorks, Lancs, Wales, S.W. England. Must have good connections with wholesale and retail chemists, sports and swim-wear shops. Good commission paid. Olney Amsden & Sons, Ltd., Little Britain, London, E.C.1. C243

**AGENT-TRAVELLER** with live connection retail chemists Liverpool and Wirral, offered new, patented product in huge demand, on commission basis. Full details please, to Box K267, Lee & Nightingale, Liverpool. C9789

**OLD ESTABLISHED** Rubber Manufacturers require an Agent to call on the Wholesale Chemist Trade in the counties of Cornwall, Devon and Somerset. Essential not already carrying competitive merchandise. Products well known, good scope for considerable expansion. Box C3429.

**AGENTS WANTED** for Bisks slimming biscuits. Retail and wholesale chemists. Several areas open. National advertising commencing March in new double-size pack. Excellent agencies for men with established first-class connections. Applications in strictest confidence. Andomia Products, Ltd., Kemtheutic House, Bradford, P.O. Box 242. C 9781

**WORLD FAMOUS** manufacturers of established quality cosmetics require agents for South England, East Anglia and South Wales. Applications should be made to Box C 3483.

## SITUATIONS WANTED

**3/- for 18 words (min.) then 2d. per word Box 1/-**

### RETAIL (HOME)

**CHEMIST'S DAUGHTER,** as dispensing and counter assistant. Hall Certificate. Available immediately. London area. Experienced. Permanency preferred. Phone SPEedwell 8431. C3478

**L.P.S.I.,** at present engaged Eire, desires change to Yorkshire or London, as manager or assistant. Age 37. Box C 3486.

**UNQUALIFIED DISPENSER,** 25 years' retail experience, including 10 years West End, desires change No objection to shift work. Accommodation not required in London area. Box C 3484.

**LADY PHARMACIST,** experienced, available immediately for relief duties Northern Ireland Preferably Fermanagh. State salary and hours Box C3460.

**YOUNG GERMAN,** well educated. wants position in pharmacy. Speaks English; with good retail counter and photographical experience. Box C3472.

**PHARMACIST,** Northern Ireland, age 44, desires congenial permanent position, preferably Southern England. 20 years' experience comprehensive company management. Substantial salary with superannuation benefits expected in return for conscientious endeavour. Living accommodation essential. Available July. Full particulars. Box C3474.

### WHOLESALE

**MEDICAL REPRESENTATIVE**—Age 31 (at present in North England). First class record and experience in the marketing and promotion of specialities, seeks opportunity as Asst. Sales Manager or Area Manager. Would welcome post with overseas company newly marketing in U.K. Box C3409.

**REPRESENTATIVE,** aged 29, seeks change Four years calling Manufacturing Chemists, Wholesalers, Hospitals, England and Scotland. Pharmaceuticals preferred. Box C9886.

**REPRESENTATIVE,** aged 40, recently with leading Cosmetic House, also drug experience, got valuable connections, retail and wholesale chemists departmental stores, all Scotland, seeks post Representative or Agent. Car owner. Box C3477

**SALES MANAGER,** 31, actively engaged in and conversant with pharmaceuticals, heavy chemicals and specialities. Sound knowledge administration Agency foundation. International negotiating Good and constant connections home and export markets. Seeks position having excellent possibilities of progress. Box C3394.

**YORKSHIRE—LADY REPRESENTATIVE** with own car and large live connection Yorkshire Drapers, Co-ops., Stores, available to represent Manufacturer. Box C3461.

## MISCELLANEOUS SALES

**17/6 for 36 words (min.) then 4d. per word Box 2/-**

**CHAMOIS LEATHERS**

SPECIAL OFFER! Approximate size 24 in. by 14 in. Individually transparent wrapped. Only 4/9d per skin (minimum order 12 skins). Attractive show board FREE! Discount for quantities:—1 kip (30) less 5 per cent.; 3 kips less 7½ per cent.; 5 kips less 10 per cent. ORDER NOW! County Chamois Co., Ltd., Rocky Lane, Aston Cross, Birmingham. C 9818

**SALE.** Natural sponges, finest quality, quoting original cost. Three gross at 12/- dozen, fourteen dozen at 32/- dozen, thirteen dozen at 64/- dozen. Samples on request. Highest offer secures. Ileys, Ltd., Ryhope Street, Ryhope, Sunderland, Durham. C 3462

**FOR SALE.** 3,000 gross 6-oz. plain medical flat bottles, clear glass, screw neck, to take a 22-mm. screw cap. Packed 3 dozen in a carton with divisions. A feature of this stock is the cartons with divisions can be used after the bottles have been filled. Price 13/- per gross for not less than 250 gross lots. Box C 9769.

**HENNIG MARTIN** heavy-duty tablet machine with motor in excellent condition with punches and dies. £60; also Johnson lightning powder filler and motor on metal table. Offers. D. McDermott, Ltd., 70 Church Street, Runcorn. C 3425

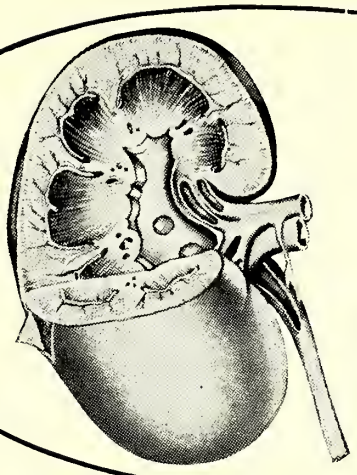
**THREE MODERN GLASS COUNTERS** 6 ft. for sale, also two modern oak counter cabinets and a number of modern display stands. Will sell separately. Plucknett, The Village, London, S.E.7. Greenwich 5252. C 3400

## TRADE MARKS

**THE TRADE MARK NO. B629521,** consisting of the word " PERSOMNIA " and registered in respect of sedative and soporific pharmaceutical preparations was assigned on 24th February, 1956 by Clinical Products Limited, of 2 The Green Richmond, Surrey, to Persomnia Limited, of 9 Arundel Street, London, W.C.2, without the goodwill of the business in which it was then in use. C98[illegible]

Printed by THE HATCOCK PRESS, LTD., 106-140 Neate Street, Camberwell, S.E.5,
and published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2.

WELLCOME LIBRARY INSTITUTE



# SEARLE

*research laboratories*

NOW INTRODUCE

SEARLE

# Mictine*

TABLETS

*The new oral diuretic for treatment and maintenance of oedematous patients*

"Mictine," the new non-mercurial oral diuretic, is distinctive in showing no contra-indications. Its mode of action is believed to be by inhibiting resorption of sodium ions by the renal tubules, and neither succinic dehydrogenase nor carbonic anhydrase is involved. "Mictine" is useful in maintaining an oedema-free state in any patient requiring diuretic therapy, and in the *initial* diuresis of all patients but those with severe congestive failure.

Clinical trials with "Mictine" indicate that it is best administered on an interrupted dosage schedule. It may either be given on alternate days, or for three consecutive days followed by complete omission on the following four days. For either scheme the dosage is one to four tablets in divided doses *with meals*. Such side-effects as are occasionally experienced are usually relieved by the interrupted dosage schedules. "Mictine" is available in bottles of 25 and 100 tablets each containing 200 mg. aminometradine.

*Literature on request*
*Obtainable from your wholesaler*

*REGISTERED TRADE MARK

# SEARLE

G. D. SEARLE & CO. LTD.

83, Crawford Street
London, W.1

*Telephone : Paddington* 4034

The CHEMIST AND DRUGGIST
MARCH 31 1956

He too needs a little help sometimes!

LIXEN ELIXIR
4 oz. Bottles 3/5
(including P.T.)
8 oz. Bottles 6/-
(including P.T.)

LIXEN
LOZENGES
Bottles of 30, 2/5
(including P.T.)

LIXEN
The Good-natured Laxative

ALLEN & HANBURYS LTD LONDON E 2